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## ABSTRACT

Between September 1977 and August 1979, inclusive, over 283,000 individuals took the Test of English as a Foreign Language (TOEFL) one or more times in an International or Special Center test administration, and designated a native country code, selected from a list of over 170 country codes provided in the TOEFL Handbook for Applicants. During this period, 163 countries were named as native countries by two or more degree planning TOEFL candidates. This report provides detailed tabular summaries of information about the candidate population of 138 countries named as native countries by 10 or more degree planning candidates. Section 1 provides a detailed description of the data used in describing the candidate populations and provides information designed to facilitate reading and interpreting the data in the country tables. It also provides a listing of native countries classified according to six TOEFL regions: Africa, Americas, Asia, Europe, Mid-East, and the Pacific. (For smaller country contingents, data for several successive testing years will be needed to provide reliable estimates for subgroups within the candidate population). (PN)

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THE TOEFL NATIVE COUNTRY FILE:  
Detailed Data on Candidate Populations, 1977-79

by

Kenneth M. Wilson

with the collaboration of Richard H. Harrison

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## INTRODUCTION

The major purpose of the Test of English as a Foreign Language (TOEFL) is to assess the English proficiency of individuals whose native language is not English. TOEFL is administered under four separate testing programs, namely, the International (Saturday) and Special Center (Friday) Programs and the Institutional and Overseas Institutional Testing Programs, respectively. The Institutional and Overseas Institutional Programs involve internal administration of TOEFL by institutions to their enrolled students; scores are used primarily for internal placement in English courses or for determining whether remedial work in ESL is needed. The International and Special Center Programs are offered in over 700 testing centers located in over 135 countries (or territories); these programs, in which testing is conducted under controlled, secure conditions, have been used primarily to provide an objective measure of English proficiency for international students whose native language is not English who wish to enter colleges or universities located in the USA or Canada as undergraduate or graduate students.\*

Between September 1977 and August 1979, inclusive, over 283,000 individuals took the Test of English as a Foreign Language (TOEFL) one or more times in an International or Special Center test-administration, and designated a "native country" code, selected from a list of over 170 country-codes provided in the TOEFL Handbook for Applicants (see

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\*The TOEFL Programs involved also serve individuals who need to demonstrate their English proficiency for other reasons, including those related to professional licensure or employment. Other reasons for taking TOEFL which candidates are asked to specify are "to enter a school other than a college or university," "to become licensed to practice my profession in the USA or Canada," "to demonstrate my proficiency in English to the company for which I work or expect to work," or "other than above."

Exhibit A).<sup>\*</sup> Of these test-takers, 235,738 (a) designated as reasons for taking TOEFL, either "to enter a college or university as an undergraduate student," or "to enter...as a graduate student," and (b) indicated a "...plan to study for a degree in the USA or Canada." This population of "prospective postsecondary-degree-planning test takers" represented some 83 percent of all test-takers during the period who designated a native country; the remaining 17 percent gave other reasons for taking TOEFL, failed to indicate a reason, or did not indicate plans to seek a degree in the USA or Canada.

#### About This Report

During the period under consideration, 163 countries were named as native countries by two or more degree planning TOEFL candidates (see Exhibit A for a listing of native countries from the TOEFL Handbook for Applicants, and instructions to candidates). This report provides detailed tabular summaries of information about the candidate populations of 138 countries named as native countries by 10 or more degree planning candidates during the period under consideration.<sup>\*\*</sup>

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<sup>\*</sup>As shown in Exhibit A, TOEFL candidates are instructed to "look for the name of your country or region (in the list provided)," and to enter the corresponding native country code on TOEFL forms. It is recognized that classification by native country does not take into account the consequences of migration. It is not assumed that all candidates designating a given "native country" remained resident in that country, were educated in that country, were citizens of that country at time of testing, etc.

<sup>\*\*</sup>For a comparative assessment of the characteristics of candidates from the respective countries, see Wilson (1982).

# Exhibit A

## Alphabetical Listing of Native Countries and Codes,

### Instructions to TOEFL Candidates: From the

### TOEFL Handbook for Applicants, 1979-80

8. **Native Country Code:** Look for the name of your country or region in List C below. Then, under "Native Country Code" on your registration confirmation ticket, copy the number that is printed next to your country or region. If your country has recently changed its name, look for it under its former name. If your country is not listed at all, write 000 in the boxes in area 8.

#### LIST C: Region and Native Country Codes

301 Afghanistan	131 Equatorial Guinea	155 Lesotho	671 Romania
601 Albania	134 Ethiopia	158 Liberia	191 Rwanda
101 Algeria	631 Federal Republic of Germany	161 Libya	676 San Marino
501 American Samoa	510 Fiji	651 Liechtenstein	192 Sao Tome and Principe
602 Andorra	625 Finland	652 Luxembourg	385 Saudi Arabia
102 Angola	628 France	360 Macao	194 Senegal
801 Argentina	818 French Guiana	164 Madagascar	195 Seychelles
504 Australia	534 French Polynesia	653 Madeira	197 Sierra Leone
603 Austria	137 Gabon	167 Malawi	391 Singapore
605 Azores	140 Gambia	361 Malaysia	532 Solomon Islands
701 Bahamas	632 German Democratic Rep	364 Maldives	201 Somalia
304 Bahrain	143 Ghana	170 Mali	204 South Africa (Republic of)
307 Bangladesh	622 Great Britain	655 Malta	680 Spain
704 Barbados	634 Greece	516 Mariana Islands	394 Sri Lanka
607 Belgium	637 Greenland	742 Martinique	207 Sudan
706 Belize	729 Grenada	519 Marshall Islands	754 Surinam
125 Benin	730 Guadeloupe	173 Mauritania	210 Swaziland
710 Bermuda	513 Guam	365 Mauritius	683 Sweden
310 Bhutan	731 Guatemala	743 Mexico	686 Switzerland
804 Bolivia	146 Guinea	657 Monaco	396 Syria
104 Botswana	147 Guinea-Bissau	367 Mongolia	319 Taiwan
807 Brazil	819 Guyana	176 Morocco	213 Tanzania
313 Brunei	734 Haiti	179 Mozambique	401 Thailand
610 Bulgaria	737 Honduras	522 Nauru	216 Togo
316 Burma	322 Hong Kong	370 Nepal	535 Tonga
107 Burundi	640 Hungary	658 Netherlands	758 Trinidad and Tobago
110 Cameroon	643 Iceland	746 Netherlands Antilles	219 Tunisia
791 Canada	325 India	523 New Caledonia	404 Turkey
114 Cape Verde Islands	328 Indonesia	528 New Zealand	222 Uganda
507 Caroline Islands	331 Iran	749 Nicaragua	688 Union of Soviet Socialist Rep
716 Cayman Islands	334 Iraq	182 Niger	405 United Arab Emirates
116 Central African Republic	646 Ireland	185 Nigeria	780 United States of America
119 Chad	337 Israel	661 Norway	225 Upper Volta
810 Chile	649 Italy	373 Oman	828 Uruguay
813 Colombia	149 Ivory Coast	376 Pakistan	689 Vatican
121 Comoros	740 Jamaica	752 Panama	831 Venezuela
122 Congo	340 Japan	525 Papua New Guinea	407 Vietnam
719 Costa Rica	343 Jordan	822 Paraguay	761 Virgin Islands
722 Cuba	346 Kampuchea	457 People's Republic of China	537 Western Samoa
613 Cyprus	152 Kenya	825 Peru	764 West Indies
616 Czechoslovakia	514 Kiribati	379 Philippines	Associated States
619 Denmark	349 Korea	664 Poland	410 Yemen
126 Djibouti	352 Kuwait	667 Portugal	692 Yugoslavia
725 Dominican Republic	355 Laos	753 Puerto Rico	228 Zaire
816 Ecuador	358 Lebanon	382 Qatar	231 Zambia
128 Egypt			188 Zimbabwe
728 El Salvador			

Section 1 provides a detailed description of the data used in describing the candidate populations--data from TOEFL Program test files--and provides information designed to facilitate reading and interpreting the data in the country tables. Section 1 also provides a listing of native countries classified according to six TOEFL regions. Each of the six sections that follow--i.e., Sections 2 through 7--includes detailed data for countries in one of the six TOEFL regions.

This report provides an essentially comprehensive overview of data for smaller as well as larger native country contingents. In tables for the smaller country contingents, the number of cases for some or all subgroups (e.g., by sex, center locale, degree level, score reporting category, etc.) is too small to provide reliable estimates for these subgroups. For smaller country contingents, data for several successive testing years will be needed to provide reliable estimates for subgroups within the candidate population.

## Table of Contents

	<u>Page</u>
Acknowledgments . . . . .	iii
Introduction . . . . .	v
Section 1. The TOEFL Candidate Variables . . . . .	1
The Variables . . . . .	1
Normative Perspective . . . . .	5
Illustrative Native Country Analysis . . . . .	11
The Country Tables . . . . .	18
Section 2. Postsecondary-degree Planning TOEFL Candidates from Countries in the African Region . . . . .	19
Regional Overview, Africa . . . . .	20
Characteristics of TOEFL Candidates by Region and Country: Undergraduate- and Graduate-Degree Seekers, 1977-79	
Mean TOEFL Total Scores for Demographic Groups by Region and Country: Undergraduate- and Graduate-Degree Seekers, 1977-79	
TOEFL Part and Total Scores by Region and Country: Undergraduate- and Graduate-Degree Seekers, 1977-79	
TOEFL Total Scores for Fields of Study by Region and Country: Graduate-Degree Seekers Only, 1977-79	
Detailed Country Tables . . . . .	23
Section 3. Postsecondary-degree Planning TOEFL Candidates from Countries in the Americas. . . . .	43
Regional Overview, the Americas (as for Africa)	44
Detailed Country Tables . . . . .	47
Section 4. Postsecondary-degree Planning TOEFL Candidates from Asian Countries . . . . .	63
Regional Overview, Asia (as for Africa) . . .	64
Detailed Country Tables . . . . .	67



# Table of Contents (cont.)

	<u>Page</u>
Section 5. Postsecondary-degree Planning TOEFL Candidates from European Countries . . . . .	79
Regional Overview, Europe (as for Africa) . . . .	80
Detailed Country Tables . . . . .	83
Section 6. Postsecondary-degree Planning TOEFL Candidates from Mid-Eastern Countries . . . . .	97
Regional Overview, Mid-East (as for Africa) . .	98
Detailed Country Tables . . . . .	101
Section 7. Postsecondary-degree Planning TOEFL Candidates from Pacific Countries . . . . .	109
Regional Overview, Pacific (as for Africa) . .	110
Detailed Country Tables . . . . .	113
References . . . . .	119

## Section 1. The TOEFL Candidate Variables

As a part of the process of taking TOEFL, in addition to indicating their native country and their reasons for taking TOEFL, candidates provide information about other background or personal variables, including native language, sex, date of birth, and previous experience with TOEFL. Those candidates who take TOEFL in conjunction with plans for postsecondary study in the USA or Canada may designate one or more higher institutions and/or agencies or embassies in the USA or elsewhere as score recipients; candidates planning graduate-level study are also asked to identify the department (field) of intended study, as well as the receiving institution, for their score reports. And it is possible to identify the location of the testing center for each candidate.

Thus, data descriptive of a number of academic, personal, and testing related characteristics were directly available or could be derived from information in TOEFL files for candidates tested during the period from September 1977 through August 1979. These variables are defined below. The type of summary statistic employed in the basic tabular summaries of data is also indicated.

### The Variables

For each native-country group data were obtained from TOEFL files on the variables described below:

1. Number of registrants (candidates who appeared for testing and completed background questions but who had no TOEFL test scores)
2. Total number of test-takers (registrants who completed TOEFL)
3. Total number of degree-seekers; number of undergraduate and graduate-degree seekers, respectively

4. For undergraduate, graduate students, and all degree planning students (i.e., graduate plus undergraduate), respectively, the distribution of candidates, and TOEFL Total test-statistics, by--

4a. Sex Number and percent male; number and percent female

4b. Location of test center

Number and percent tested in a "foreign" test center (one not located in the U.S. or Canada), and in a "domestic" test center (one located in the U.S. or Canada), respectively.

4c. Pattern of score-reporting at time of most recent testing

Foreign = Designated that a score-report be transmitted to a non-higher institution concerned with foreign students (agency, embassy, foundation) or to a higher institution not located in the U.S.

Domestic = Designated that a score-report be transmitted to at least one higher institution located in the U.S.

Both = Designated both foreign and domestic institutions

Neither kind = Did not designate any higher institution or agency as a score-report recipient (scores were transmitted to the candidate only).

4d. Previous participation in TOEFL testing programs

Reported repeaters = Candidates indicating in response to a TOEFL background question that they had taken TOEFL previously one or more times (number and percent of degree-seeking test-takers)--a best-estimate of incidence of repeaters without regard to time period.

Actual (or period) repeaters = Candidates identified by name/sex/birthdate matching criteria as having two or more TOEFL records for the period between September 1977 and August 1979, inclusive (number and as percent of degree-seeking test-takers); excludes self-reported repeaters whose last previous testing was prior to September 1977.

5. For all prospective degree-seekers, and for prospective undergraduate- and graduate-degree seekers, respectively,

5a. Age in years at time of most recent testing (mean and standard deviation of curtailed age distributions)\*

Undergraduate statistics exclude candidates less than 15 or more than 45 years of age

Graduate statistics exclude candidates less than 20 or more than 50 years of age

5b. Native language(s)

Most frequently reported language (number reporting as a percent of all candidates in a native-country group)

Second most frequently reported language (number reporting as a percent of all candidates in a native-country group)

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\*Less than 1 percent of the prospective undergraduate degree-seekers were excluded by curtailment (0.8 percent more than 45 years of age and 0.1 percent below 15 years); some 7.6 percent of graduate degree-seekers were excluded, 7.0 percent in the age range 15 and below and 0.6 percent in the 50 plus age-range. Very few candidates taking graduate-level admissions tests such as GRE or GMAT are in the 19-or-lower age range (e.g., less than 0.2 percent of GRE candidates). Accordingly, it was assumed that TOEFL candidates under the age of 20 who report as reasons for taking TOEFL that they plan to enter a U.S. college or university as graduate students were not realistic graduate-level aspirants (e.g., there may have been confusion on the part of some candidates regarding the distinction between graduate and undergraduate study).

For prospective graduate-degree seekers, the effect of the curtailment is likely to be some slight elevation in the mean age reported (in view of the disproportionate representation of candidates in the 19-or-below range in the total excluded group). However, if it is reasoned that the 19-or-below candidates are not likely to be entering a U.S. or Canadian graduate school for some time, the means reported are believed to be a realistic estimate for the population of TOEFL candidates likely to be applying for admission to graduate school within a reasonable period following most recent testing.

5c. Index of linguistic fractionalization\*

An estimate of the probability that two candidates randomly drawn from the native-country candidate-population will not report the same native language

$$\text{Index ILF} = 1 - \sum_{i=1}^n (P_i)^2,$$

where P = proportion of all candidates in the  $i^{\text{th}}$  language group and n is the number of language groups.

5d. Means and standard deviations of TOEFL section and Total scores\*\*

Listening (Listening Comprehension, Section I),  
scale-range 20-80

Writing (Structure and Written Expression, Section II),  
scale-range 20-80

Reading (Reading Comprehension and Vocabulary,  
Section III), scale range 20-80

Total (scale-range 200-800)

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\*This index is very highly correlated, over native-country groups, with the statistic, "most frequently reported native language as a percent of all native languages reported by a native-country group," described under 5(b). It is based on an index reported by Taylor and Hudson (1972), designated as an "index of ethnic and linguistic fractionalization."

\*\*In calculating the means and standard deviations, only the most recent test results were used for individuals identified as having more than one TOEFL record on file for the two-year period under consideration. The means reported in the TOEFL Native Country File, therefore, are not directly comparable to those reported in the TOEFL Manual for various reference groups. Means reported in the Manual include all test scores available for a given candidate.

6. For prospective graduate-degree seeking test-takers only

6a. Intended graduate department

Distribution of candidates by broad field of graduate department designated to receive TOEFL score-report, and means and standard deviations of TOEFL part and Total scores by intended field (department of study):

Arts and humanities	Business school
Social sciences	Law school
Biological sciences	Other (largely, <u>no department designated</u> )*
Physical sciences	

A detailed breakdown of the fields of study included in each of the four broad areas of intended graduate department is shown as Exhibit B.

Normative Perspective\*\*

Summary statistics on the variables described above were developed for every native country group. Table 1 shows measures of central tendency and variability of the distribution of the summary statistics (e.g., percent of test takers who were degree planners, percent of degree planners who were male, mean age) for 129 native country groups. The table shows the mean and the median, the standard deviation, and the minimum and maximum observed values of the respective country statistics. Summary values for all post-secondary-degree planners without regard to native country are also provided, though not by level of planned degree program in most instances.

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\*Failure of a prospective graduate-degree planning TOEFL candidate to specify a graduate department as a score recipient may reflect self-perceived lack of readiness to apply for admission, and suggests the likelihood that for candidates in this category the timing of formal application for admission does not coincide with the timing of participation in TOEFL. No information is available in TOEFL files regarding the timing of candidates' plans for studying in the USA or Canada.

\*\*The findings presented here are discussed in detail elsewhere (Wilson, 1982).

# Exhibit B

## Departments (Fields) of Graduate Study Classified By Broad Areas, and Instructions to TOEFL Candi- dates: From the TOEFL Handbook for Applicants, 1979-80

### LIST B: Department Codes

This list is to be used only by students applying for graduate study. All others are to fill in 00 as the department code for each institution or agency they list on the chart and in area 4 of the admission ticket and answer sheet.

**Business Schools:** Use 02 if you are applying to a graduate school of management (business).

**Law Schools:** Use 03 if you are applying to a graduate school of law.

**Graduate Schools:** If you are applying for graduate study in a field other than business or law, copy the appropriate code from the list below.

#### HUMANITIES

- 11 Archeology
- 12 Architecture
- 26 Art History
- 13 Classical Languages
- 28 Comparative Literature
- 53 Dramatic Arts
- 14 English
- 29 Far Eastern Languages and Literature
- 15 Fine Arts, Art, Design
- 16 French
- 17 German
- 58 Italian
- 04 Linguistics
- 19 Music
- 57 Near Eastern Languages and Literature
- 20 Philosophy
- 21 Religious Studies or Religion
- 22 Russian
- 23 Spanish
- 24 Speech
- 10 Other modern languages
- 00 Other Humanities

#### SOCIAL SCIENCES

- 27 American Studies
- 81 Anthropology
- 83 Communications
- 84 Economics
- 85 Education (including M. A. in Teaching)
- 01 Educational Administration
- 09 Educational Psychology
- 70 Geography

- 92 Government
- 86 History
- 87 Industrial Relations and Personnel
- 88 International Relations
- 18 Journalism
- 90 Library Science
- 91 Physical Education
- 92 Political Science
- 93 Psychology
- 94 Public Administration
- 55 Slavic Studies
- 79 Social Psychology
- 95 Social Work
- 96 Sociology
- 97 Urban Development (Regional Planning)

#### BIOLOGICAL SCIENCES

- 31 Agriculture
- 32 Anatomy
- 05 Audiology
- 33 Bacteriology
- 34 Biochemistry
- 35 Biology
- 36 Biophysics
- 37 Botany
- 38 Dentistry
- 39 Entomology
- 43 Forestry
- 06 Genetics
- 41 Home Economics
- 25 Hospital and Health Services Administration
- 42 Medicine
- 07 Microbiology

- 43 Nursing
- 77 Nutrition
- 44 Occupational Therapy
- 45 Optometry
- 46 Osteopathy
- 08 Parasitology
- 56 Pathology
- 47 Pharmacy
- 48 Physical Therapy
- 49 Physiology
- 50 Public Health
- 51 Veterinary Medicine
- 52 Zoology
- 30 Other biological sciences

#### PHYSICAL SCIENCES

- 54 Applied Mathematics
- 61 Astronomy
- 62 Chemistry
- 78 Computer Sciences
- 63 Engineering, Aeronautical
- 64 Engineering, Chemical
- 65 Engineering, Civil
- 66 Engineering, Electrical
- 67 Engineering, Industrial
- 68 Engineering, Mechanical
- 69 Engineering, other
- 71 Geology
- 72 Mathematics
- 73 Metallurgy
- 74 Mining
- 75 Oceanography
- 76 Physics
- 59 Statistics
- 80 Other physical sciences

Use 00 for any department not listed.

TABLE 1

SELECTED CHARACTERISTICS OF CANDIDATES WHO SPECIFIED PLANS TO ENTER AN UNDERGRADUATE OR GRADUATE INSTITUTION AS THE REASON FOR TAKING TOEFL, AND AN INTENTION TO SEEK A DEGREE, RESPECTIVELY, AND DATA DESCRIPTIVE OF THE DISTRIBUTIONS OF THESE CHARACTERISTICS FOR 129 NATIVE COUNTRY GROUPS: INTERNATIONAL AND SPECIAL TESTING PROGRAMS, 1977-1979

Characteristic	All individuals N	Measures of central tendency and variability for native-country groups (N = 129)				
		Mean $\bar{X}$	Median $\bar{X}$	S.D. $\bar{X}$	Min $\bar{X}$	Max $\bar{X}$
Plan undergraduate or graduate degree (% of all test-takers)*	83	82.5	85.8	12.9	27	98
Undergraduate degree plans (% TT) *	42	45.8	43.3	19.9	9	88
Graduate degree plans (% TT) *	41	36.6	32.5	16.8	9	88
Male (% of degree-planners)	72	70.8	69.4	13.8	28	99
Undergraduate		67.6	70.1	15.1	22	99
Graduate		72.8	74.4	14.8	20	100
Tested in nondomestic center	71	69.4	74.1	21.8	11	100
Undergraduate planners		63.6	67.6	22.4	14	100
Graduate planners		73.9	80.0	21.9	6	100
Designated both U.S. and Non-U.S. agency or institution to receive score reports	5	5.4	3.7	6.3	0	61
Undergraduate planners		4.9	3.2	7.5	0	70
Graduate planners		5.7	3.9	5.5	0	32
Designated an embassy, agency, or foreign DI only	7	6.4	4.1	6.5	0	47
Undergraduate planners		7.3	4.5	8.1	0	55
Graduate planners		5.5	3.8	5.4	0	32
Designated a U.S. higher institution only	38	49.5	51.7	16.4	4	87
Undergraduate planners		50.1	51.5	17.0	5	100
Graduate planners		48.2	49.2	17.5	4	89
Designated no agency or institution to receive reports	50	38.7	35.8	14.9	9	80
Undergraduate planners		37.6	34.4	15.7	0	77
Graduate planners		40.6	39.3	16.4	6	85
Took TOEFL previously (self report)	32	19.2	14.6	14.2	0	65
Undergraduate planners		18.4	13.8	14.4	0	65
Graduate planners		19.4	16.0	14.1	0	66
(During or after 9/77 administration only)**	(17.6)	(8.7)	(5.5)	(7.9)	(0)	(41)
(Undergraduate planners)		(8.6)	(6.2)	(7.8)	(0)	(36)
(Graduate planners)		(8.4)	(5.8)	(8.8)	(0)	(43)
Most frequently reported native language as percent of all reported	N.A.	76.9	88.5	23.2	17	100
Undergraduate planners		77.4	88.2	22.4	20	100
Graduate planners		76.6	87.0	23.4	20	100
Mean age in years†	23.8	23.9	24.0	2.1	20	28
Undergraduate planners	21.4	21.7	21.7	1.6	18	26
Graduate planners	26.3	26.8	27.0	2.0	21	32

\*The base for this percentage is the total number of test-takers. The base for other percentages in the table is the number of degree-planners.

\*\*Data for only two testing years were available. Accordingly, the file check for repeated test records was limited to this two-year period; individuals with earlier test records could not be matched.

†For undergraduate planners only individuals in the 15-45 year age range were included; for graduate planners the mean is based on data for individuals in the 20-50 year age range.



The data in Table 1 indicate marked variability among candidate contingents from different native countries with respect to all the variables under consideration.

- o In most instances, the means and medians of summary statistics for native country groups correspond relatively closely to the summary statistic reported for all individuals without regard to country. For certain of the testing-related variables (score reporting and repeated-testing), however, the "all individuals" statistic and the average values of country data were considerably different. For example, only 38 percent of all degree planners designated only a U.S. higher institution to receive a score report and 50 percent designated no institutional recipient; the means for 129 candidate contingents on these variables were, respectively, 49.5 and 38.7. Discrepancies of this nature reflect the effect of several very large candidate populations which exhibit an unusually high or low incidence of the behaviors involved.

Measures of central tendency and variability of mean TOEFL scores for 129 country contingents are provided in Table 2, along with similar measures for individual scores.

- o Means of the country means are higher than those for all individuals, indicating a relatively high concentration of lower scoring candidates in several very large native country groups.

There were significant differences in performance on TOEFL among candidates classified by native country and by level of planned degree program, sex, location of testing center, score-reporting, and test-repetition patterns, respectively.

- o Graduate planners had higher TOEFL Total and Written Expression means than undergraduate planners, but means on Listening were

TABLE 2  
MEASURES OF CENTRAL TENDENCY AND VARIABILITY OF TOEFL SCORE MEANS FOR 129 NATIVE COUNTRY GROUPS, 1977-79: POSTSECONDARY-DEGREE PLANNING CANDIDATES, BY LEVEL

TOEFL	All planners			Undergraduate planners			Graduate planners		
	Mean	SD	Min-Max	Mean	SD	Min-Max	Mean	SD	Min-Max
Country data *									
Listening Comprehension	53.7	4.1	43-63	54.1	4.0	44-63	53.4	4.2	43-63
Written Expression	50.7	4.6	39-61	50.3	4.5	40-57	51.1	5.2	39-62
Reading Comprehension	51.8	4.9	41-60	50.8	4.7	39-58	52.7	5.2	39-62
Total	520.4	42.8	431-596	517.0	41.8	416-591	523.6	46.0	397-616
Individual data **									
Listening Comprehension	52	8	25-70	52	8		52	8	
Written Expression	50	8	20-68	49	8		50	8	
Reading Comprehension	50	9	20-67	49	9		52	8	
Total	505	73	240-677	499	73		511	72	

\* For all summary statistics involving native country data, N = 129.

\*\* Mean, and standard deviations are for the 1977-79 TOEFL population of degree-planning candidates. However, the min-max values are taken from data reported in the TOEFL Manual (1981) for all TOEFL takers during 1978-80, without regard to reason for taking TOEFL. For individual data, for all planners, N = 235,738; for undergraduate planners, N = 119,592; for graduate planners, N = 116,146.

comparable. There was a tendency across countries for undergraduate planners to have higher Listening means than graduate planners and for graduate planners to have higher Reading Comprehension means.

- o Women tended to outperform men on TOEFL Total (means of 513 and 502, respectively) and this tended to be true for most country groups.
- o Candidates tested in a foreign center tended to outperform those tested in the USA or Canada (Total means of 512 and 488).
- o Repeating candidates, at time of most recent testing, had lower mean TOEFL Total scores than degree planners generally (mean of 496 for reported repeaters as compared to 505 for all degree planners, including repeaters) and this was true for a majority of countries.

Some 60 percent of graduate planners generally failed to designate an intended field; the classification by field was as follows:

<u>Intended field</u>	<u>Percentage base</u>	
	Field designators only	All planners
None designated	--	60
Physical science	38	15
Biological science	12	5
Social science	20	8
Arts & Humanities	8	3
Business school	20	8
Law school	1	1

- o Graduate-degree planners failing to designate a specific intended field or school (business, law) had lower mean TOEFL Total scores than their counterparts who did so (494 as compared to means ranging from 526 through 558 for planners designating a field or school).

### Illustrative Native Country Analysis

Summary statistics on the foregoing variables were developed for every native country and are reported in country tables like that shown illustratively, for Japan (Exhibit C). The tabular entries are keyed by variable name and number to the outline provided earlier. A detailed examination of this illustrative table will serve (a) to reinforce the definitions of the basic variables and (b) to call attention to potential interpretive possibilities and limitations in the data reported.

Reading and interpreting the data. For the two-year period, September 1977 through August 1979, a total of 18,166 individuals registered and designated Japan as the native country; of these 18,089 (99.6 percent) were test-takers (Variables 1 and 2).

o Degree-seekers (3)

Of 18,089 Japanese TOEFL-takers, 12,338 were undergraduate- or graduate-degree seekers--about 68 percent, a figure considerably lower than the percentage of all TOEFL candidates (83 percent cf. Table 1) during the period who were in this category. Thus, proportionately more Japanese nationals gave reasons for taking TOEFL relating, for example, to licensure for professional practice or employment rather than to the pursuit of higher education abroad.

It may be determined from the data provided that degree seekers were about evenly divided as between undergraduate (6,105 or 49.5 percent) and graduate levels (6,233 or 50.5 percent). TOEFL test-statistics (see 5d,

## AN ILLUSTRATIVE COUNTRY-TABLE: SUMMARY DATA ON TOEFL CANDIDATES BY NATIVE COUNTRY

COUNTRY IS: JAPAN WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.050

## VARIABLE

- Registrants..... (1) 100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 18166; OF THESE 18009 ARE TEST TAKERS
- Test-takers..... (2) DEGREE SEEKERS : UNDERGRADUATE = 6105 GRADUATE = 6233 TOTAL = 12338(3)
- Degree-seekers..... (3) THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

		UNDERGRADUATES				GRADUATES				TOTAL				
		N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.	
Sex.....	(4a)													
		MALES	3315	54	461.3	65.1	4741	76	501.9	64.3	8056	65	485.2	67.6
		FEMALES	2789	46	484.4	66.7	1492	24	509.3	70.1	4281	35	493.1	69.0
Center location.....	(4b)													
		FOREIGN CENTERS	3631	59	474.5	70.4	4964	80	505.9	65.7	8595	70	492.7	69.5
		DOMESTIC CENTERS	2474	41	467.9	61.0	1269	20	495.0	65.6	3743	30	477.1	63.9
Score reporting.....	(4c)													
		FOREIGN REPORTS	263	4	488.7	72.6	299	5	507.8	67.0	562	5	498.8	70.3
		DOMESTIC REPORTS	2262	37	478.9	67.9	2457	39	515.4	65.3	4719	38	497.9	69.0
		BOTH KINDS	232	4	512.6	76.0	239	4	529.5	65.0	471	4	521.2	71.1
		NEITHER KIND	3348	55	462.9	63.0	3238	52	492.5	64.0	6586	53	477.5	65.2
Repeater status.....	(4d)													
		REPORTED REPEATERS	2933	48	473.8	57.2	3439	55	513.2	59.7	6372	52	495.1	61.8
		ACTUAL REPEATERS*	2163	35	472.9	54.5	2377	38	508.3	55.2	4540	37	491.4	57.6
Age.....	(5a)													
		AGE**	6026		22.6	3.9	5789		27.1	4.0	12015		24.9	4.6
Languages.....	(5b)													
		JAPANESE	5910	96.8			JAPANESE	6062	97.3		JAPANESE	11972	97.0	
		UNKNOWN	112	1.8			UNKNOWN	104	1.7		UNKNOWN	216	1.8	
ILE.....	(5c)													
		INDEX OF LINGUISTIC FRACTIONALIZATION :				0.062					0.054			
												0.058		

TOEFL score- statistics by degree level ....	TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
		N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
(5d)										
	LISTENING	6105	49.3	7.2	6233	50.1	6.9	12338	49.7	7.1
	WRITING	6105	46.2	7.7	6233	50.1	7.6	12338	48.2	7.9
	READING	6105	46.0	7.6	6233	50.9	7.5	12338	48.5	8.0
	TOTAL	6105	471.9	66.8	6233	503.7	65.8	12338	487.9	68.2

Intended department (field, school), by broad areas, plus TOEFL score-statistics: Graduate degree- seekers only .....	SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
		N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
(6)													
	LISTENING	489	51.4	7.2	658	51.0	7.2	131	48.4	7.1	574	49.7	6.4
	WRITING	489	51.3	8.4	658	50.9	7.7	131	48.9	7.3	574	50.8	6.4
	READING	489	51.3	8.4	658	51.9	7.6	131	49.6	7.2	574	51.3	6.7
	TOTAL	489	513.5	72.5	658	513.1	67.5	131	489.5	63.9	574	506.2	57.5

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS.....			Largely, did not designate an intended field or department
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	
LISTENING	576	52.9	6.3	69	51.2	6.6	3736	49.4	6.8	
WRITING	576	53.2	6.8	69	53.5	5.8	3736	49.2	7.6	
READING	576	54.4	6.5	69	54.0	6.4	3736	50.0	7.5	
TOTAL	576	534.8	57.9	69	529.6	56.5	3736	495.6	65.1	

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

means and sigmas of TOEFL scores) indicate TOEFL Total means of approximately 472 and 504 for prospective undergraduate and graduate students, respectively, and 488 for all degree seekers (cf., Table 1 and Table 2 for normative perspective). Judging from differences in part-scores, undergraduate/graduate differences in TOEFL Total are accounted for primarily by differences in Reading Comprehension and writing (Structure and Written Expression)--the undergraduate prospects scored only slightly lower than their graduate counterparts on the Listening section (cf., Table 2 and related discussion).

o Sex distribution and TOEFL scores (4a)

Some 65 percent of all degree seekers were male, but the male representation was considerably smaller among undergraduate- (54 percent male), than among graduate-degree seekers (76 percent male).

Females had higher average TOEFL Total scores than males--by more than one-third of a standard deviation for prospective undergraduates (484.4 minus 461.3 divided by 68.2, the total sample standard deviation) but less so for prospective graduates.

o Location of test center and TOEFL scores (4b)

Among Japanese degree planners, more than four in 10 prospective undergraduates (41 percent), and two in 10 prospective graduate students (20 percent) were tested in the USA or Canada--i.e., in a "domestic" center rather than a Japanese or other "foreign" or nondomestic test center. Candidates tested in foreign centers had higher TOEFL scores than those tested in the USA or Canada.

o Score-reporting and TOEFL scores (4c)

All these Japanese nationals indicated that they planned to enter a U.S. or Canadian college or university to seek a degree. However,

only 42 percent requested that the results of their most recent testing be reported to a U.S. higher institution (38 percent requested that a "domestic," i.e., U.S., higher institution be sent a score report and four percent designated both a domestic and foreign score report recipient (i.e., a higher institution outside the U.S., and/or agencies, embassies, etc., concerned with foreign students regardless of location); more than one-half of these prospective undergraduate and graduate students failed to designate any receiving institution.

Little or nothing is known regarding the characteristic timing of TOEFL-taking relative to plans implementation for Japanese or other nationals taking TOEFL. Prospective degree-seekers who do not indicate a higher institution to receive their score report at the time of most recent testing may be interested primarily in assessing their level of English-language proficiency before proceeding with a formal application for admission, which may be contingent upon the level of the observed TOEFL scores.

It is noteworthy that the TOEFL Total means for Japanese candidates who failed to designate an institutional or agency score report recipient (domestic or foreign) were considerably lower than those for candidates who designated an institutional score-report recipient.

o Repeater status (4d)

More than one half of all degree-seekers (52 percent), at time of most recent testing, reported that they had taken TOEFL before, in response to a TOEFL background question framed without regard to the timing of previous testing(s); over one-third (37 percent) of all degree-seekers were "actual" or period repeaters--i.e., were identified by name/sex/birthdate matching criteria as having two or more TOEFL records based on tests taken during the two-year study period only (September 1977 through August 1979).

Contrary to findings for TOEFL candidates generally, Japanese repeaters, at time of most recent testing, had somewhat higher TOEFL Total means than first-time candidates--compare repeater

means (4d) with undergraduate, graduate, and total-sample means (5d), for repeaters and first-time candidates combined.

o Age at time of most recent testing (5a)

Means of curtailed age distributions were 22.6 for undergraduate and 27.1 for graduate prospects; for all degree-seekers among Japanese nationals, mean age was 24.9.

Note that the mean for undergraduates is based on N = 6,026 (of 6,105), and for graduates N = 5,989 (of 6,233). The differences in Ns indicate the total number of prospective candidates outside the respective age-ranges employed for the mean-age calculations.

There is no information in TOEFL files regarding the "educational level" of candidates at time of most recent testing. It is evident, however, that among Japanese nationals taking TOEFL, the prospective undergraduate students are substantially older on the average than entering college freshmen generally in the U.S., and that the prospective graduate students are also older than their counterparts in the regular progression of U.S. prospective graduate students--during 1978-79, mean age for all GRE candidates, for example, was 25.9 years (Wild, 1980).

o Principal language groups (5b)

The most frequently reported native language for this group was, of course, Japanese (97 percent). "Unknown" for the second language indicates that the number of candidates designating a language other than Japanese (if any) was less than the combined number of candidates who either failed to respond to the language question or responded by indicating that their native language was not included in the table provided.

o Index of Linguistic Fractionalization or ILF (5c)

This index, which includes the "unknown" category as a language group, is an estimate of the probability that two candidates designating Japan as the native country will report a different



native language. As the percentage of all languages reported that is accounted for by the most frequently reported language approaches 100, the ILF approaches zero (0.00).

o Designated graduate department (field) and TOEFL statistics (b)

It may be determined from data provided in the table that of 6,233 self-designated graduate study planners, 3,736 (59.9 percent) did not designate a specific departmental field of study code in completing TOEFL forms. This statistic tends to parallel that for score reporting--i.e., 52 percent of graduate-oriented candidates failed to designate any higher or other score recipient at time of most recent testing; note, for example, that the mean TOEFL Total score (495.6) for prospective graduate students not designating a department (field of study) is comparable to that (492.5) for graduate degree planners not designating a receiving institution or agency.

Among prospective graduate students who designated a specific field or department code (2,497 of the 6,233), it may be determined that arts and humanities (N = 489) or social sciences (N = 658) fields were specified by 1,147 (almost 46 percent); physical science (N = 574) or biological science (N = 131) collectively accounted for 705 (about 28 percent) of the planners; some 23 percent (576) were planning to enter a business school, and slightly less than three percent (69 of 2,497) were oriented to law school.

These figures indicate a substantially heavier concentration in social sciences and arts and humanities fields than in physical or biological science fields for Japanese TOEFL candidates planning graduate study in the USA or Canada. Among foreign students enrolled in U.S. higher institutions (without regard to level of degree program) in 1978-79, a majority was in physical or biological science (including health science) fields (Boyan, 1980, Table 3.1).

Mean TOEFL scores were somewhat lower for prospective students in the biological and physical sciences than for their counterparts oriented toward arts and humanities, social sciences, business, or law.

Note also that with the exception of candidates designating biological sciences as the intended field, mean TOEFL scores for candidates designating an intended field of study were higher than means for candidates not designating a field of study.

#### The Country Tables

In Table 3, countries named as native countries by two or more TOEFL candidates during the period from September 1977 through August 1979 are listed alphabetically within each of six TOEFL regions: Africa, the Americas, Asia, Europe, Mideast, and Pacific. The number of postsecondary-degree planning candidates naming each country is indicated in parentheses.

Sections 2 through 7, include tables like that for Japan for countries in the respective TOEFL regions. Tables are not included for countries with fewer than 10 degree planning candidates. The detailed tables for countries in a region are preceded by four tables summarizing data on the principal TOEFL variables for all candidates within the region and for each country with a relatively large candidate contingent.

1977-1979. By Country of Origin

AFRICA-TOTAL ( 24552 )

AMERICA-TOTAL ( 21048 )

EUROPE-TOTAL ( 16929)

ALGERIA	( 437)
ANGOLA	( 191)
BENIN	( 13)
BOTSWANA	( 38)
BURUNDI	( 6)
CENTRAL AFRICA	( 5)
CAMEROON	( 336)
CHAD	( 10)
CONGO	( 6)
CAPE VERDE	( 15)
EGYPT	( 1676)
EQ. GUINEA	( 4)
ETHIOPIA	( 474)
GABON	( 5)
GAMBIA	( 66)
GHANA	( 2193)
GUINEA	( 8)
GUINEA-BISSEAU	( 2)
IVORY COAST	( 195)
KENYA	( 888)
LESOTHO	( 43)
LIBERIA	( 260)
LIBYA	( 1411)
MADAGASCAR	( 27)
MALAWI	( 48)
MALI	( 42)
MAURITANIA	( 9)
MOROCCO	( 191)
HOZANBIQUE	( 11)
NIGER	( 29)
NIGERIA	( 13557)
RHOODESIA	( 436)
RWANDA	( 8)
SOUTH AFRICA	( 168)
SENEGAL	( 69)
SIERRA LEONE	( 196)
SOMALIA	( 165)
SUDAN	( 570)
SWAZILAND	( 23)
TANZANIA	( 301)
TOGO	( 16)
TUNISIA	( 81)
UGANDA	( 147)
UPPER VOLTA	( 23)
ZAIRE	( 142)
ZAMBIA	( 183)

ARGENTINA	( 586 )
BAHAMAS	( 4 )
BARBADOS	( 5 )
BELIZE	( 9 )
BOLIVIA	( 413 )
BRAZIL	( 2481 )
CANADA	( 444 )
CHILE	( 831 )
COLOMBIA	( 1830 )
COSTA RICA	( 632 )
CUBA	( 169 )
DOMINICA	( 226 )
ECUADOR	( 550 )
EL SALVADOR	( 570 )
FRENCH GUIANA	( 6 )
GUADALOUPE	( 6 )
GUATEMALA	( 290 )
GUYANA	( 40 )
HAITI	( 310 )
HONDURAS	( 399 )
JAMAICA	( 25 )
MARTINIQUE	( 10 )
MEXICO	( 3464 )
NETH. ANTILLES	( 208 )
NICARAGUA	( 594 )
PANAMA	( 725 )
PARAGUAY	( 52 )
PERU	( 1072 )
PUERTO RICO	( 777 )
SURINAM	( 70 )
TRINIDAD	( 26 )
URUGUAY	( 140 )
USA	( 281 )
VENEZUELA	( 3934 )
WEST INDIES	( 9 )

ASIA-TOTAL (117486)

AFGHANISTAN	( 169)
BANGLADESH	( 1005)
BHUTAN	( 16)
BRUNEI	( 45)
BURMA	( 194)
CHINA (TAIWAN)	( 30731)
HONG KONG	( 21395)
INDIA	( 13704)
INDONESIA	( 3508)
JAPAN	( 12338)
KHMER REPUBLIC	( 66)
KOREA	( 7475)
LAOS	( 68)
HACAO	( 485)
MALAYSIA	( 7154)
MALDIVES	( 2)
MAURITIUS	( 48)
MONGOLIA	( 2)
NEPAL	( 186)
PAKISTAN	( 3833)
PHILIPPINES	( 2662)
SINGAPORE	( 1836)
SRI LANKA	( 649)
THAILAND	( 8176)
VIETNAM	( 1719)

ALBANIA	( 4 )
AUSTRIA	( 150 )
AZORES	( 23 )
BELGIUM	( 514 )
BULGARIA	( 57 )
CYPRUS	( 920 )
CZECHOSLAVAKIA	( 52 )
DENMARK	( 194 )
FINLAND	( 288 )
FRANCE	( 2194 )
GERMANY	( 1672 )
GREAT BRITAIN	( 96 )
GREECE	( 3200 )
HUNGARY	( 59 )
ICELAND	( 196 )
IRELAND	( 5 )
ITALY	( 1046 )
LUXEMBOURG	( 23 )
MALTA	( 8 )
MONACO	( 4 )
NETHERLANDS	( 846 )
NORWAY	( 802 )
POLAND	( 243 )
PORTUGAL	( 253 )
ROMANIA	( 124 )
SPAIN	( 510 )
SWEDEN	( 540 )
SWITZERLAND	( 523 )
TURKEY	( 1937 )
USSR	( 224 )
YUGOSLAVIA	( 222 )

MIIDEAST-TOTAL ( 53407)

ARAB EMIRATES	( 135)
BAHRAIN	( 224)
IRAN	( 34421)
IRAQ	( 1009)
ISRAEL	( 2352)
JORDAN	( 5183)
KUWAIT	( 1128)
LEBANON	( 4323)
OMAN	( 60)
QATAR	( 138)
SAUDI ARABIA	( 3631)
SYRIA	( 645)
YEMEN	( 158)

PACIFIC-TOTAL ( 2316)

AMERICAN SAMOA	(	663)
AUSTRALIA	(	66)
CAROLINE ISLS.	(	910)
FIJI ISLANDS	(	86)
GUAM	(	7)
MARIANA ISLS.	(	160)
MARSHALL ISLS.	(	169)
NEW ZEALAND	(	4)
NEWGUINEA	(	3)
OKINAWA	(	2)
TAHITI	(	41)
TONGA	(	90)
WEST SAMOA	(	115)

Section 2. Postsecondary-Degree Planning TOEFL Candidates  
from Countries in the African Region

AFRICA-TOTAL ( 24552 )

ALGERIA	( 437 )
ANGOLA	( 19 )
BENIN	( 13 )
BOTSWANA	( 38 )
BURUNDI	( 6 )★
C. AFRICA	( 5 )★
CAMEROON	( 336 )
CHAD	( 10 )
CONGO	( 6 )★
CAPE VERDE	( 15 )
EGYPT	( 1676 )
EQ. GUINEA	( 4 )★
ETHIOPIA	( 474 )
GABON	( 5 )★
GAMBIA	( 66 )
GHANA	( 2193 )
GUINEA	( 8 )★
GUINEA-B.	( 2 )★
IVORY COAST	( 195 )
KENYA	( 888 )
LESOTHO	( 43 )
LIBERIA	( 260 )
LIBYA	( 1411 )
MADAGASCAR	( 27 )
MALAWI	( 48 )
MALI	( 42 )
MAURITANIA	( 9 )★
MOROCCO	( 191 )
MOZAMBIQUE	( 11 )
NIGER	( 29 )
NIGERIA	( 13557 )
RHODESIA	( 436 )
RWANDA	( 8 )★
S. AFRICA	( 168 )
SENEGAL	( 69 )
SIERRA L.	( 196 )
SOMALIA	( 165 )
SUDAN	( 570 )
SWAZILAND	( 23 )
TANZANIA	( 301 )
TOGO	( 16 )
TUNISIA	( 81 )
UGANDA	( 147 )
UP. VOLTA	( 23 )
ZAIRE	( 142 )
ZAMBIA	( 183 )

This section provides detailed tabular summaries of data, by country, on the characteristics of postsecondary-degree planning TOEFL candidates from 37 of 46 countries from the African region (i.e., all but those marked by a star in the list at left), by level of planned degree program.

Some 10.4 percent of all TOEFL degree-planning candidates during 1977-79 were from African countries;

- o More than half (55.2) of all African candidates were from Nigeria (N=13,557); Ghana, Egypt and Libya were countries of origin for between 1,400 and 2,200 candidates.
- o Candidate contingents from African countries were especially heterogenous linguistically.

Selected data for each of 20 countries with the largest candidate contingents (which accounted for 97.0 percent of all African candidates) are presented in a regional overview, consisting of four summary tables. Detailed tables for the countries with 10 or more candidates are then presented in alphabetical order.

## TOEFL CANDIDATES FROM AFRICAN COUNTRIES: REGIONAL OVERVIEW

CHARACTERISTICS OF TOEFL CANDIDATES BY REGION AND COUNTRY: UNDERGRADUATE  
AND GRADUATE DEGREE SEEKERS ONLY (INTERNATIONAL AND SPECIAL PROGRAMS ONLY)

1977-78 &amp; 1978-79

REGION AND COUNTRY	TEST TAK- ERS(TT)	DEGREE SEEKERS(XTT)*						REPEAT- ERS	AGE**		SEX	CENTER LOCALE	SCORE REPORT***				LANGUAGES		
		U. G.		GRAD		TOTAL			%	U.G.			GRAD	FOR.	U.S.	BOYH	NO	MAIN#	LF#
		N	XTT	N	XTT	N	XTT			(MEAN)			(MEAN)						
AFRICA-TOTAL	26495	18416	70	6136	23	24552	93	15	22.7	28.0	86	83	3	51	6	40	53	0.61	
ALGERIA	523	120	23	317	61	437	84	65	24.2	27.0	91	24	2	38	2	59	57	0.60	
CAMEROON	348	239	69	97	28	336	97	11	23.7	27.4	79	84	3	65	5	26	71	0.47	
EGYPT	2288	409	18	1267	55	1676	73	24	21.4	28.3	83	76	7	38	8	47	91	0.17	
ETHIOPIA	523	364	70	110	21	474	91	14	22.3	28.5	67	68	5	48	5	42	68	0.47	
GHANA	2267	1847	81	346	15	2193	97	4	22.4	27.4	91	94	5	59	10	25	45	0.72	
IVORY COAST	205	66	32	129	63	195	95	33	23.8	26.1	84	39	3	67	4	26	52	0.64	
KENYA	933	733	79	155	17	888	95	6	22.2	27.0	75	86	6	62	6	26	30	0.80	
LIBERIA	278	163	59	97	35	260	94	8	24.0	27.8	77	90	1	60	4	35	49	0.62	
LIBYA	1554	767	49	644	41	1411	91	65	23.3	28.4	96	24	1	18	1	80	95	0.10	
MOROCCO	218	62	28	129	59	191	88	17	21.8	25.7	83	80	4	59	2	35	50	0.63	
NIGERIA	14173	12072	85	1485	10	13557	96	10	22.7	28.0	87	92	2	52	6	40	48	0.71	
RHODESIA	455	359	79	77	17	436	96	5	22.7	26.8	74	92	4	65	8	22	80	0.35	
SOUTH AFRICA	200	73	36	95	47	168	84	2	23.1	28.8	76	84	3	73	5	19	30	0.82	
SIERRA LEONE	207	149	72	47	23	196	95	13	24.2	28.4	73	72	6	64	6	25	40	0.69	
SOMALIA	173	119	69	46	27	165	95	10	24.1	28.8	85	80	4	30	6	60	96	0.07	
SUDAN	612	102	17	468	76	570	93	15	23.3	29.3	94	93	4	51	5	40	94	0.11	
TANZANIA	337	183	54	118	35	301	89	7	24.3	28.9	80	86	10	57	6	27	76	0.40	
UGANDA	164	102	62	45	27	147	90	8	22.7	28.1	66	80	10	58	8	24	33	0.78	
ZAIRE	163	75	46	67	41	142	87	20	23.6	26.8	85	75	1	60	4	35	32	0.82	
ZAMBIA	189	102	54	81	43	183	97	5	24.4	27.6	83	88	6	62	7	25	58	0.62	
OTHER	685	310	45	316	46	626	91	14	23.4	27.6	78	76	4	55	6	35			
ALL CONTINENTS	282899	119592	42	116146	41	235738	83	32	21.4	26.3	72	71	7	38	5	50	84	0.21	

\*EXCLUDES CANDIDATES TAKING TOEFL FOR OTHER REASONS UNLESS OTHERWISE NOTED; ALSO EXCLUDES CANDIDATES IN INSTITUTIONAL PROGRAMS.

\*\*AGE RESTRICTED TO 15-45 FOR UNDERGRADUATES, 20-50 FOR GRADUATES.

\*\*\*FOR. = EMBASSY, AGENCY, FOUNDATION, FOREIGN HIGHER INSTITUTION; U.S. = U.S. COLLEGE OR UNIVERSITY.

#MOST FREQUENTLY REPORTED NATIVE LANGUAGE AS A PERCENTAGE OF ALL LANGUAGES REPORTED.

##AN ESTIMATE OF THE PROBABILITY THAT TWO CANDIDATES PICKED AT RANDOM WOULD NOT SPEAK THE SAME LANGUAGE.

Note: At the regional level, # and ## are median values for country contingents with N = 10+;  
this is also true for the "all continents" entry.

# AFRICAN COUNTRIES, CONTINUED

MEAN TOEFL TOTAL SCORES FOR DEMOGRAPHIC GROUPS BY REGION AND COUNTRY:  
UNDERGRADUATE AND GRADUATE DEGREE SEEKERS  
INTERNATIONAL AND SPECIAL TESTING PROGRAMS ONLY

1977-78 & 1978-79

REGION AND COUNTRY	NO. OF DEGREE SEEKERS	DEGREE SEEKERS			SEX		TEST CENTER		SELF-REPORTED REPEATERS	SCORE REPORT PATTERN**			
		U. G.	GRAD.	TOTAL	MEN	WOMEN	FOREIGN	U. S. - CANADA		FOR.	U.S.	BOTH	NONE
AFRICA-TOTAL	( 24552 )	509	517	511	509	523	514	497	489	524	523	525	494
ALGERIA	( 437 )	495	505	502	500	529	500	503	506	543(*)	513	548(*)	493
CAMEROON	( 336 )	528	531	529	528	530	526	543	522	534(*)	534	536	514
EGYPT	( 1676 )	475	478	478	473	501	478	477	471	490	488	513	462
ETHIOPIA	( 474 )	508	536	515	517	509	515	514	503	504	528	498	502
GHANA	( 2193 )	557	585	561	561	564	562	558	555	554	565	562	555
IVORY COAST	( 195 )	476	490	485	484	494	458	503	505	470(*)	485	479(*)	489
KENYA	( 888 )	542	570	546	543	556	544	561	537	566	545	536	548
LIBERIA	( 260 )	506	552	523	516	546	525	504	518	538(*)	533	547(*)	502
LIBYA	( 1411 )	416	448	431	430	454	445	427	435	478	444	483(*)	427
MOROCCO	( 191 )	514	542	533	533	533	538	511	531	560(*)	535	563(*)	526
NIGERIA	( 13557 )	505	553	511	510	515	508	542	512	516	517	513	502
RHODESIA	( 436 )	553	586	559	560	555	559	560	566	579	561	559	548
SOUTH AFRICA	( 168 )	565	616	594	593	595	596	576	497(*)	604(*)	600	583(*)	569
SIERRA LEONE	( 196 )	522	556	530	532	530	532	527	533	547(*)	538	550(*)	503
SOMALIA	( 165 )	481	492	484	485	484	48	472	461	539(*)	501	489(*)	472
SUDAN	( 570 )	452	479	475	475	478	47	483	481	425	484	502	465
TANZANIA	( 301 )	530	561	542	542	546	539	566	542	573	535	550	545
UGANDA	( 147 )	553	575	560	564	552	558	565	531(*)	570(*)	567	553(*)	539
ZAIRE	( 142 )	443	481	461	454	498	451	489	478	457(*)	460	491(*)	459
ZAMBIA	( 183 )	544	573	557	557	557	563	516	467(*)	560(*)	566	551(*)	535
OTHER	( 626 )	500	512	506	499	532	506	509	505	524	515	528	488
ALL CONTINENTS	(235738)	499	511	505	502	513	512	488	496	514	526	534	486

\*EXCEPT FOR "NO. OF DEGREE SEEKERS" (ON WHICH THE TABLE IS BASED) ALL NUMBERS ARE MEANS. MEANS BASED ON N'S LESS THAN 15 ARE FOLLOWED BY "(\*)". WHEN THE NUMBER OF CASES IS 0 "----" IS SUBSTITUTED FOR THE MEAN.

\*\*FOR. = EMBASSY, AGENCY, FOUNDATION, FOREIGN HIGHER INSTITUTION; U.S. = U.S. COLLEGE OR UNIVERSITY.

## AFRICAN COUNTRIES, CONTINUED

TOEFL TOTAL SCORES FOR FIELDS OF STUDY BY REGION AND COUNTRY: GRADUATE  
DEGREE SEEKERS ONLY (INTERNATIONAL AND SPECIAL PROGRAMS ONLY)\*

1977-78 &amp; 1978-79

REGION AND COUNTRY	TOTAL (ALL FIELDS)		MEANS BY FIELD							PER CENTS BY FIELD***						
	N	MEAN	ARTS	SOC	BIO	PHY	BUS.	LAW	OTH-	ARTS	SOC	BIO	PHY	BUS.	LAW	OTH-
			HUM	SCI	SCI	SCI			ER**	HUM	SCI	SCI	SCI			ER**
AFRICA-TOTAL	( 6136)	517	547	543	529	533	554	545	495	4	12	11	14	9	1	50
ALGERIA	( 317)	505	502	478	504	524	555	488	499	2(*)	7	3(*)	21	3(*)	1(*)	63
CAMEROON	( 97)	531	525	553	526	547	545	573	510	6(*)	13(*)	13(*)	8(*)	14(*)	7(*)	37
EGYPT	( 1267)	478	505	485	472	500	514	419	467	3	6	10	21	5	0(*)	55
ETHIOPIA	( 110)	536	557	582	528	572	577	---	517	2(*)	6(*)	10(*)	12(*)	11(*)	0(*)	59
GHANA	( 346)	585	594	597	580	590	602	---	569	6	16	13	18	14	0(*)	32
IVORY COAST	( 129)	490	516	492	453	468	512	590	481	3(*)	12	5(*)	12	29	1(*)	38
KENYA	( 155)	570	585	576	566	558	583	---	564	6(*)	21	14	7(*)	11	0(*)	41
LIBERIA	( 97)	552	565	554	557	527	563	---	548	4(*)	13(*)	9(*)	5(*)	20	0(*)	48
LIBYA	( 644)	448	505	466	480	467	446	407	446	1(*)	2	3	5	1(*)	0(*)	89
MOROCCO	( 129)	542	577	559	516	545	565	---	531	9(*)	9(*)	9(*)	13	12	0(*)	47
NIGERIA	( 1485)	553	550	560	566	571	569	591	532	4	17	15	15	11	0(*)	38
RHODESIA	( 77)	586	---	570	604	584	583	620	587	0(*)	26	16(*)	10(*)	5(*)	3(*)	40
SOUTH AFRICA	( 95)	616	644	600	637	627	620	642	610	8(*)	23	6(*)	12(*)	9(*)	2(*)	39
SIERRA LEONE	( 47)	556	625	564	568	595	602	---	508	9(*)	23(*)	13(*)	15(*)	4(*)	0(*)	36
SOMALIA	( 46)	492	547	519	465	486	613	384	492	2(*)	4(*)	4(*)	24(*)	2(*)	2(*)	61
SUDAN	( 468)	479	466	482	483	481	511	502	473	2(*)	12	17	12	6	2(*)	50
TANZANIA	( 118)	561	548	553	573	559	561	---	566	3(*)	25	14	9(*)	18	0(*)	31
UGANDA	( 45)	575	---	576	565	594	577	619	559	0(*)	20(*)	7(*)	16(*)	24(*)	4(*)	29(*)
ZAIRE	( 67)	481	502	494	490	454	472	---	473	10(*)	16(*)	15(*)	6(*)	10(*)	0(*)	42
ZAMBIA	( 61)	573	582	589	561	583	575	615	560	4(*)	26	9(*)	14(*)	2(*)	2(*)	43
OTHER	( 316)	512	568	526	498	535	520	575	497	5	15	9	11	11	1(*)	49
ALL CONTINENTS	(116146)	511	536	533	526	536	556	558	494	3	8	5	15	8	1	60

\*GRADUATE DEGREE SEEKERS ONLY; EXCLUDES ALL CANDIDATES REPORTING OTHER REASONS FOR TAKING TOEFL.

\*\*PREDOMINANTLY NO RESPONSE; ALSO INCLUDES FIELD NOT LISTED.

\*\*\*PER CENTS BASED ON N'S LESS THAN 15 ARE FOLLOWED BY "(\*)". WHEN THERE ARE NO CASES "----" REPLACES THE MEAN.



## AFRICAN COUNTRIES, CONCLUDED

TOEFL PART AND TOTAL SCORES BY REGION AND COUNTRY:  
 UNDERGRADUATE AND GRADUATE DEGREE SEEKERS ONLY  
 INTERNATIONAL AND SPECIAL PROGRAMS ONLY

1977-78 &amp; 1978-79

REGION AND COUNTRY	ALL DEGREE SEEKERS					UNDERGRADUATES					GRADUATES				
	(N)	LIST- EN	WRITE	READ	TOTAL	(N)	LIST- EN	WRITE	READ	TOTAL	(N)	LIST- EN	WRITE	READ	TOTAL
		M SO	M SO	M SO	M SO		M SO	M SO	M SO	M SO		M SO	M SO	M SO	M SO
AFRICA-TOTAL	( 24552)	<u>49 7</u>	<u>52 8</u>	<u>52 7</u>	<u>511 66</u>	( 18416)	<u>49 7</u>	<u>52 7</u>	<u>52 7</u>	<u>509 61</u>	( 6136)	<u>51 8</u>	<u>52 9</u>	<u>52 9</u>	<u>517 78</u>
ALGERIA	( 437)	<u>51 7</u>	<u>50 7</u>	<u>50 8</u>	<u>502 65</u>	( 120)	<u>52 7</u>	<u>48 7</u>	<u>48 7</u>	<u>495 60</u>	( 317)	<u>51 7</u>	<u>50 7</u>	<u>50 8</u>	<u>505 66</u>
CAMEROON	( 336)	<u>51 7</u>	<u>54 7</u>	<u>53 6</u>	<u>529 60</u>	( 239)	<u>51 7</u>	<u>54 7</u>	<u>53 6</u>	<u>528 55</u>	( 97)	<u>51 8</u>	<u>54 9</u>	<u>54 7</u>	<u>531 71</u>
EGYPT	( 1676)	<u>49 8</u>	<u>47 9</u>	<u>47 8</u>	<u>478 78</u>	( 409)	<u>51 9</u>	<u>46 9</u>	<u>45 9</u>	<u>475 83</u>	( 1267)	<u>49 8</u>	<u>47 8</u>	<u>48 8</u>	<u>478 76</u>
ETHIOPIA	( 474)	<u>53 7</u>	<u>51 8</u>	<u>50 8</u>	<u>515 72</u>	( 364)	<u>53 7</u>	<u>50 9</u>	<u>50 8</u>	<u>508 73</u>	( 110)	<u>53 7</u>	<u>54 8</u>	<u>54 8</u>	<u>536 64</u>
GHANA	( 2193)	<u>54 7</u>	<u>58 6</u>	<u>57 6</u>	<u>561 53</u>	( 1847)	<u>54 7</u>	<u>57 6</u>	<u>57 6</u>	<u>557 53</u>	( 346)	<u>56 6</u>	<u>60 6</u>	<u>60 5</u>	<u>585 49</u>
IVORY COAST	( 195)	<u>48 7</u>	<u>48 8</u>	<u>49 6</u>	<u>485 60</u>	( 66)	<u>48 7</u>	<u>48 7</u>	<u>48 7</u>	<u>476 62</u>	( 129)	<u>48 7</u>	<u>49 8</u>	<u>50 6</u>	<u>490 59</u>
KENYA	( 888)	<u>53 8</u>	<u>56 7</u>	<u>55 7</u>	<u>546 61</u>	( 733)	<u>52 8</u>	<u>56 7</u>	<u>54 6</u>	<u>542 62</u>	( 155)	<u>55 7</u>	<u>58 6</u>	<u>58 6</u>	<u>570 53</u>
LIBERIA	( 260)	<u>53 7</u>	<u>52 8</u>	<u>51 7</u>	<u>523 65</u>	( 163)	<u>52 7</u>	<u>51 7</u>	<u>49 7</u>	<u>506 61</u>	( 97)	<u>55 7</u>	<u>56 7</u>	<u>55 7</u>	<u>552 60</u>
LIBYA	( 1411)	<u>48 6</u>	<u>41 7</u>	<u>41 7</u>	<u>431 58</u>	( 767)	<u>47 6</u>	<u>40 7</u>	<u>39 6</u>	<u>416 55</u>	( 644)	<u>49 6</u>	<u>43 7</u>	<u>43 7</u>	<u>448 57</u>
MOROCCO	( 191)	<u>54 7</u>	<u>53 8</u>	<u>54 8</u>	<u>533 69</u>	( 62)	<u>53 8</u>	<u>50 9</u>	<u>51 8</u>	<u>514 77</u>	( 129)	<u>54 7</u>	<u>54 7</u>	<u>55 7</u>	<u>542 63</u>
NIGERIA	( 13557)	<u>48 7</u>	<u>53 6</u>	<u>53 6</u>	<u>511 53</u>	( 12072)	<u>47 6</u>	<u>52 6</u>	<u>52 6</u>	<u>505 50</u>	( 1485)	<u>52 7</u>	<u>57 7</u>	<u>57 6</u>	<u>553 59</u>
RHODESIA	( 436)	<u>54 6</u>	<u>58 6</u>	<u>56 6</u>	<u>557 50</u>	( 359)	<u>54 6</u>	<u>57 6</u>	<u>55 5</u>	<u>553 50</u>	( 77)	<u>57 6</u>	<u>60 5</u>	<u>59 6</u>	<u>586 44</u>
SOUTH AFRICA	( 168)	<u>59 7</u>	<u>59 7</u>	<u>60 7</u>	<u>594 63</u>	( 73)	<u>57 8</u>	<u>57 9</u>	<u>56 8</u>	<u>565 73</u>	( 95)	<u>61 6</u>	<u>62 4</u>	<u>62 4</u>	<u>616 42</u>
SIERRA LEONE	( 196)	<u>53 7</u>	<u>54 7</u>	<u>53 7</u>	<u>530 63</u>	( 149)	<u>52 7</u>	<u>53 7</u>	<u>52 6</u>	<u>522 60</u>	( 47)	<u>55 6</u>	<u>57 7</u>	<u>56 8</u>	<u>556 66</u>
SOMALIA	( 165)	<u>49 7</u>	<u>47 9</u>	<u>49 8</u>	<u>484 70</u>	( 119)	<u>49 7</u>	<u>47 8</u>	<u>48 7</u>	<u>481 66</u>	( 46)	<u>49 7</u>	<u>48 10</u>	<u>51 8</u>	<u>492 80</u>
SUDAN	( 570)	<u>46 7</u>	<u>48 7</u>	<u>49 7</u>	<u>475 58</u>	( 102)	<u>47 9</u>	<u>45 9</u>	<u>44 9</u>	<u>452 77</u>	( 468)	<u>45 6</u>	<u>49 7</u>	<u>50 6</u>	<u>479 52</u>
TANZANIA	( 301)	<u>53 7</u>	<u>55 7</u>	<u>55 7</u>	<u>542 62</u>	( 183)	<u>53 8</u>	<u>53 7</u>	<u>53 7</u>	<u>530 66</u>	( 118)	<u>53 6</u>	<u>57 6</u>	<u>58 6</u>	<u>561 48</u>
UGANDA	( 147)	<u>54 7</u>	<u>58 6</u>	<u>56 6</u>	<u>560 53</u>	( 102)	<u>54 7</u>	<u>57 7</u>	<u>55 6</u>	<u>553 56</u>	( 45)	<u>55 6</u>	<u>60 4</u>	<u>58 6</u>	<u>575 43</u>
ZAIRE	( 142)	<u>45 9</u>	<u>46 9</u>	<u>47 8</u>	<u>461 76</u>	( 75)	<u>44 9</u>	<u>44 8</u>	<u>45 7</u>	<u>443 68</u>	( 67)	<u>47 8</u>	<u>48 9</u>	<u>49 9</u>	<u>481 80</u>
ZAMBIA	( 183)	<u>55 7</u>	<u>56 8</u>	<u>55 7</u>	<u>557 64</u>	( 102)	<u>55 8</u>	<u>55 8</u>	<u>54 7</u>	<u>544 69</u>	( 81)	<u>56 6</u>	<u>58 7</u>	<u>58 6</u>	<u>573 53</u>
OTHER	( 626)	<u>50 8</u>	<u>51 9</u>	<u>51 8</u>	<u>506 79</u>	( 310)	<u>50 8</u>	<u>50 8</u>	<u>50 8</u>	<u>500 72</u>	( 316)	<u>50 9</u>	<u>51 10</u>	<u>52 9</u>	<u>512 84</u>
ALL CONTINENTS (235738)		<u>52 8</u>	<u>50 8</u>	<u>50 9</u>	<u>505 73</u>	(119592)	<u>52 8</u>	<u>49 8</u>	<u>49 9</u>	<u>499 73</u>	(116146)	<u>52 8</u>	<u>50 8</u>	<u>52 8</u>	<u>511 72</u>

23



100 PER CENT SAMPLE OF REGISIPANTS SELECTED FOR THIS COUNTRY = 526; OF THESE 523 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 120 GRADUATE = 317 TOTAL = 437  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	103	91	490.7	56.4	289	91	502.8	65.7	397	91	499.5	63.6
FEMALES	11	9	532.8	74.6	28	9	527.6	69.4	39	9	529.1	70.9
FOREIGN CENTERS	26	22	510.4	67.0	79	25	496.6	71.2	105	24	500.0	70.5
DOMESTIC CENTERS	94	78	491.2	57.1	238	75	507.8	64.5	332	76	503.1	63.0
FOREIGN REPORTS	1	3	548.0	48.2	3	1	536.3	24.9	7	2	543.0	40.3
DOMESTIC REPORTS	42	35	507.0	64.5	125	39	514.3	66.7	167	38	512.5	66.2
BOTH KINDS	3	2	541.0	67.6	4	1	552.5	36.6	7	2	547.6	52.5
NEITHER KIND	71	59	483.6	53.1	185	58	497.2	65.9	256	59	493.4	62.9
REPORTED REPEATERS	77	64	493.5	48.6	209	66	510.0	62.1	286	65	505.6	59.2
ACTUAL REPEATERS*	43	36	502.0	48.8	136	43	513.7	56.7	179	41	510.9	55.1
AGE**	119		24.2	4.3	304		27.0	3.6	423		26.2	4.0
LANGUAGES:												
ARABIC	70	58.3		ARABIC	179	56.5		ARABIC	249	57.0		
FRENCH	34	28.3		FRENCH	68	21.5		FRENCH	102	23.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.571				0.602				0.597	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	120	51.7	7.1	317	50.9	7.4	437	51.1	7.3
WRITING	120	48.2	6.5	317	50.0	7.4	437	49.5	7.2
READING	120	48.3	6.8	317	50.3	7.1	437	49.8	7.6
TOTAL	120	495.4	59.9	317	505.0	66.4	437	502.4	64.9

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	7	51.9	8.3	21	49.0	5.3	9	49.8	5.1	68	52.5	8.1
WRITING	7	48.9	5.7	21	46.7	6.0	9	47.4	6.7	68	51.3	7.8
READING	7	49.9	7.6	21	47.4	8.1	9	53.6	5.8	68	52.8	7.6
TOTAL	7	502.1	65.8	21	478.3	51.0	9	504.2	55.8	68	524.0	71.1
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	10	54.9	6.0	3	47.0	5.7	199	50.4	7.3			
WRITING	10	54.6	3.6	3	51.3	6.8	199	49.7	7.4			
READING	10	57.3	3.2	3	48.0	8.0	199	49.4	7.6			
TOTAL	10	555.3	34.3	3	488.0	66.5	199	499.2	65.2			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 20; OF THESE 20 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 13 GRADUATE = 6 TOTAL = 19  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	15	62	459.9	97.2	3	50	474.3	94.0	11	58	463.8	96.5
FEMALES	13	38	495.0	41.6	3	50	478.7	59.9	8	42	488.9	49.9
FOREIGN CENTERS	4	31	385.7	86.6	4	67	466.5	82.6	8	42	426.1	93.7
DOMESTIC CENTERS	10	69	512.3	38.9	2	33	496.5	66.5	11	58	509.5	45.6
FOREIGN REPORTS	1	8	533.0	0.0	0	0	0.0	0.0	1	5	533.0	0.0
DOMESTIC REPORTS	7	54	447.0	99.8	2	33	478.0	115.0	9	47	453.9	104.2
BOTH KINDS	0	0	0.0	0.0	1	17	443.0	0.0	1	5	443.0	0.0
NEITHER KIND	13	38	498.4	36.6	3	50	486.7	56.0	8	42	494.0	45.2
REPORTED REPEATERS	0	0	0.0	0.0	1	17	443.0	0.0	1	5	443.0	0.0
ACTUAL REPEATERS*	0	0	0.0	0.0	1	17	443.0	0.0	1	5	443.0	0.0
AGE**	13		22.8	6.5	5		27.8	6.5	18		24.2	6.9
LANGUAGES:												
PORTUGUE	9	69.2			5	83.3			14	73.7		
UNKNOWN	4	30.8			1	16.7			5	26.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.426					0.278				0.388

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	13	49.5	9.5	6	48.8	8.6	19	49.3	9.2
WRITING	13	45.8	9.0	6	45.8	8.0	19	45.8	8.7
READING	13	47.8	9.4	6	48.3	8.4	19	47.9	9.1
TOTAL	13	473.4	82.3	6	476.5	78.9	19	474.4	81.2

## SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0	0.0	0.0	0	0.0	0.0	2	38.5	2.5	1	61.0	0.0
WRITING	0	0.0	0.0	0	0.0	0.0	2	41.0	6.0	1	57.0	0.0
READING	0	0.0	0.0	0	0.0	0.0	2	41.5	3.5	1	60.0	0.0
TOTAL	0	0.0	0.0	0	0.0	0.0	2	403.0	40.0	1	593.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	0	0.0	0.0	0	0.0	0.0	3	51.7	3.8			
WRITING	0	0.0	0.0	0	0.0	0.0	3	45.3	6.8			
READING	0	0.0	0.0	0	0.0	0.0	3	49.0	7.5			
TOTAL	0	0.0	0.0	0	0.0	0.0	3	486.7	56.0			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED - FOR THIS COUNTRY = 18; OF THESE 18 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 5 GRADUATE = 8 TOTAL = 13

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	3	60	511.3	48.1	7	88	477.3	76.5	10	77	487.5	70.3
FEMALES	2	40	501.5	28.5	1	13	587.0	0.0	3	23	530.0	46.5
FOREIGN CENTERS	4	80	516.0	39.9	5	63	490.0	80.8	9	69	501.6	67.1
DOMESTIC CENTERS	1	20	473.0	0.0	3	38	492.7	79.3	4	31	487.7	69.2
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	2	40	542.0	16.0	4	50	556.2	36.4	6	46	551.5	31.7
BOTH KINDS	1	20	530.0	0.0	0	0	0.0	0.0	1	8	530.0	0.0
NEITHER KIND	2	40	461.5	11.5	4	50	425.8	55.1	6	46	437.7	48.5
REPORTED REPEATERS	1	20	527.0	0.0	3	38	505.0	64.3	4	31	510.5	56.5
ACTUAL REPEATERS*	0	0	0.0	0.0	1	13	498.0	0.0	1	8	498.0	0.0
AGE**	3.		24.3	1.9	8.		27.6	4.6	11.		26.7	4.3
LANGUAGES:												
UNKNOWN	2.	40.0		FRENCH	4.	50.0		FRENCH	4.	30.8		
YORUBA	1.	20.0		YORUBA	1.	12.5		UNKNOWN	3.	23.1		
INDEX OF LINGUISTIC FRACTIONALIZATION			0	.720				0.688				0.805

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	5.	51.8	4.1	8.	47.6	6.8	13.	49.2	6.2
WRITING	5.	50.6	3.1	8.	49.6	9.5	13.	50.0	7.7
READING	5.	49.8	5.2	8.	49.0	8.9	13.	49.3	7.7
TOTAL	5.	507.4	39.6	8.	490.9	80.2	13.	497.3	68.0

## SCORES BY FIELD

(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	54.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	60.0	0.0
WRITING	1.	62.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	60.0	0.0
READING	1.	60.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	56.0	0.0
TOTAL	1.	587.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	587.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	1.	50.0	0.0	0.	0.0	0.0	5.	43.4	4.0			
WRITING	1.	59.0	0.0	0.	0.0	0.0	5.	43.2	5.7			
READING	1.	57.0	0.0	0.	0.0	0.0	5.	43.8	7.3			
TOTAL	1.	553.0	0.0	0.	0.0	0.0	5.	440.2	57.2			

\*REPEATED TOEFL DURING PERIOD OCTOBER, 1977 - THROUGH JUNE, 1979--ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 18-36 FOR UNDERGRADUATES AND 20-46 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS ELIGIBLE FOR THIS COUNTRY: 39; OF THESE 39 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = GRADUATE = 13 TOTAL: 38  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	13	52	550.7	72.1	7	34	576.9	42.1	20	53	559.8	64.5
FEMALES	12	48	557.7	54.4	6	26	563.0	41.5	18	47	565.8	50.5
FOREIGN CENTERS	23	92	552.9	64.4	13	100	570.5	42.4	36	95	559.2	58.1
DOMESTIC CENTERS	2	8	624.5	7.5	0	0	0.0	0.0	2	5	624.5	7.5
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	15	60	557.7	49.3	9	69	565.8	46.4	24	63	579.1	48.1
BOTH KINDS	2	8	490.0	0.0	1	8	537.0	0.0	3	8	505.7	22.1
NEITHER KIND	8	32	522.5	67.4	3	23	595.7	15.6	11	29	542.5	65.6
REPORTED REPEATERS	0	0	0.0	0.0	1	8	570.0	0.0	1	3	570.0	0.0
ACTUAL REPEATERS*	2	0	0.0	0.0	0	0	0.0	0.0	2	0	0.0	0.0
AGE**	25.		22.5	5.6	12.		30.6	5.5	37.		25.2	6.1

LANGUAGES:

SETSWANA	12.	48.0	UNKNOWN	5.	30.5	SE=TSWANA	16.	42.1
UNKNOWN	6.	24.0	SETSWANA	4.	30.8	UNKNOWN	11.	28.9

INDEX OF LINGUISTIC FRACTIONALIZATION: 0.682 0.722 0.708

TOEFL SCORES	UNDERGRADUATES				GRADUATES			TOTAL		
	N	MEAN	S.D.		N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	25.	55.5	6.4		13.	56.2	5.0	38.	56.0	6.3
WRITING	25.	56.5	8.1		13.	58.1	4.8	38.	56.8	7.2
READING	25.	55.5	5.8		13.	56.8	4.5	38.	55.8	5.4
TOTAL	25.	558.5	64.7		13.	570.5	42.4	38.	562.7	50.3

SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	3.	56.3	6.6	3.	53.0	3.6	2.	53.0	3.0
WRITING	0.	0.0	0.0	3.	56.7	2.4	3.	55.3	7.5	2.	58.5	4.5
READING	0.	0.0	0.0	3.	54.3	3.3	3.	55.7	6.1	2.	56.0	4.0
TOTAL	0.	0.0	0.0	3.	558.0	11.7	3.	547.0	53.5	2.	558.5	8.5

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	62.0	0.0	3.	0.0	0.0	4.	58.8	2.6
WRITING	1.	62.0	0.0	3.	0.0	0.0	4.	60.0	2.1
READING	1.	62.0	0.0	3.	0.0	0.0	4.	58.5	2.7
TOTAL	1.	620.0	0.0	3.	0.0	0.0	4.	591.0	15.8

\*REPEATED TOEFL DURING PERIOD SEPTEMBER 1977 THROUGH AUGUST 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 352; OF THESE 348 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 239 GRADUATE = 97 TOTAL = 336  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	184	77	525.5	56.8	80	82	534.2	72.6	264	79	528.2	62.2
FEMALES	55	23	534.0	49.2	17	18	518.3	62.3	72	21	530.3	53.0
FOREIGN CENTERS	203	85	523.7	53.1	80	82	531.5	71.1	283	84	525.9	58.9
DOMESTIC CENTERS	36	15	549.4	62.0	17	18	531.3	71.5	53	16	542.9	65.7
FOREIGN REPORTS	5	2	517.2	40.8	6	6	547.3	58.7	11	3	533.6	53.5
DOMESTIC REPORTS	161	67	533.5	54.7	59	61	534.7	75.4	220	65	533.8	61.0
BOTH KINDS	9	4	529.7	64.7	7	7	545.1	61.2	16	5	536.3	63.8
NEITHER KIND	64	27	513.0	53.4	25	26	515.8	62.9	89	26	513.8	56.3
REPORTED REPEATERS	21	9	513.5	45.2	17	18	532.1	56.2	38	11	521.8	51.3
ACTUAL REPEATERS*	5	2	495.4	18.4	8	8	503.5	27.1	13	4	500.4	24.5
AGE**	234.		23.7	3.6	89.		27.4	4.2	323.		24.7	4.1
LANGUAGES:												
UNKNOWN	180.	75.3		UNKNOWN	57.	58.8		UNKNOWN	237.	70.5		
ENGLISH	29.	12.1		FRENCH	28.	28.9		FRENCH	54.	16.1		
INDEX OF LINGUISTIC FRACTIONALIZATION :												
0.406								0.567		0.466		

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	239.	51.1	6.9	97.	50.9	7.8	336.	51.0	7.1
WRITING	239.	54.2	6.7	97.	54.2	8.9	336.	54.2	7.4
READING	239.	52.9	5.7	97.	54.3	6.9	336.	53.3	6.1
TOTAL	239.	527.5	55.3	97.	531.4	71.2	336.	528.6	60.3

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	6.	49.8	11.3	13.	51.8	7.6	13.	50.4	9.6	8.	52.9	5.0
WRITING	6.	55.3	11.0	13.	57.7	8.6	13.	53.6	10.1	8.	56.6	3.9
READING	6.	52.3	9.1	13.	56.3	7.0	13.	53.6	7.0	8.	54.9	6.2
TOTAL	6.	525.0	100.0	13.	552.5	72.0	13.	526.1	83.9	8.	546.6	43.8

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	14.	51.8	8.2	7.	54.7	4.6	36.	49.4	6.7
WRITING	14.	55.6	9.2	7.	59.7	1.2	36.	50.8	8.3
READING	14.	56.1	5.7	7.	57.6	2.7	36.	52.8	7.0
TOTAL	14.	544.7	72.5	7.	573.4	22.0	36.	510.1	62.5

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 11; OF THESE 11 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 5 GRADUATE = 5 TOTAL = 10  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	4	80	498.5	56.1	4	80	483.7	49.3	8	80	491.1	53.4
FEMALES	1	20	494.0	0.0	1	20	577.0	0.0	2	20	535.5	41.5
FOREIGN CENTERS	3	60	484.7	59.6	2	40	525.0	52.0	5	50	500.8	59.5
DOMESTIC CENTERS	2	40	517.0	23.0	3	60	487.3	56.5	5	50	499.2	49.4
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	0	0	0.0	0.0	4	80	483.7	49.3	4	40	483.7	49.3
BOTH KINDS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
NEITHER KIND	5	100	497.6	50.2	1	20	577.0	0.0	6	60	510.8	54.6
REPORTED REPEATERS	0	0	0.0	0.0	1	20	453.0	0.0	1	10	453.0	0.0
ACTUAL REPEATERS*	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
AGE**	5.		21.8	3.5	3.		27.7	1.7	8.		24.0	4.1
LANGUAGES:												
UNKNOWN	3.	60.0		FRENCH	2.	40.0		UNKNOWN	5.	50.0		
ARABIC	1.	20.0		UNKNOWN	2.	40.0		FRENCH	3.	30.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.560					0.640				0.640

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	5.	52.2	8.9	5.	51.2	7.1	10.	51.7	8.1
WRITING	5.	48.8	7.7	5.	50.6	4.9	10.	49.7	6.5
READING	5.	48.6	6.2	5.	50.8	5.7	10.	49.7	6.1
TOTAL	5.	497.6	50.2	5.	502.4	57.0	10.	500.0	54.2

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	51.0	0.0	0.	0.0	0.0	1.	57.0	0.0	0.	0.0	0.0
WRITING	1.	46.0	0.0	0.	0.0	0.0	1.	56.0	0.0	0.	0.0	0.0
READING	1.	45.0	0.0	0.	0.0	0.0	1.	57.0	0.0	0.	0.0	0.0
TOTAL	1.	473.0	0.0	0.	0.0	0.0	1.	567.0	0.0	0.	0.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	0.	0.0	0.0	3.	49.3	6.1			
WRITING	0.	0.0	0.0	0.	0.0	0.0	3.	50.3	4.8			
READING	0.	0.0	0.0	0.	0.0	0.0	3.	50.7	5.4			
TOTAL	0.	0.0	0.0	0.	0.0	0.0	3.	490.7	61.2			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 15; OF THESE 15 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 9 GRADUATE = 6 TOTAL = 15  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	5	56	437.2	86.5	2	33	520.0	63.0	7	47	460.9	88.7
FEMALES	4	44	499.5	34.2	4	67	424.5	31.1	8	53	461.5	49.4
FOREIGN CENTERS	2	22	453.5	83.5	1	17	583.0	0.0	3	20	496.7	91.5
DOMESTIC CENTERS	7	78	467.6	71.9	5	83	431.0	30.7	12	80	452.3	61.1
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	6	67	466.7	79.9	3	50	462.3	85.4	9	60	465.2	81.8
BOTH KINDS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
NEITHER KIND	3	33	460.0	63.1	3	50	450.3	24.9	6	40	455.2	48.2
REPORTED REPEATERS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
ACTUAL REPEATERS*	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
AGE**	9.		22.8	6.9	3.		22.0	0.0	12.		22.1	6.1
LANGUAGES:												
PORTUGUE	8.	88.9		PORTUGUE	5.	83.3		PORTUGUE	13.	86.7		
UNKNOWN	1.	11.1		UNKNOWN	1.	16.7		UNKNOWN	2.	13.3		
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.198 0.273 0.231												

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 2295; OF THESE 2288 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 409 GRADUATE = 1267 TOTAL = 1676  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

## CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL				
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.	
MALES	335	82	469.0	79.9	1063	84	474.1	73.7	1398	83	472.9	75.2	
FEMALES	74	18	500.1	89.0	203	16	501.3	83.8	277	17	501.0	85.2	
FOREIGN CENTERS	243	59	481.8	83.7	1028	81	476.8	77.4	1271	76	477.7	78.6	
DOMESTIC CENTERS	166	41	464.2	79.5	239	19	485.4	69.3	405	24	476.7	74.4	
FOREIGN REPORTS	39	9	485.8	92.3	83	7	491.4	82.2	121	7	489.6	85.6	
DOMESTIC REPORTS	157	38	490.7	85.0	477	38	486.8	80.4	634	38	487.7	81.5	
BOTH KINDS	19	5	502.7	81.4	109	9	514.2	72.5	128	8	512.5	74.0	
NEITHER KIND	105	48	456.8	74.3	598	47	463.4	68.3	793	47	461.8	69.8	
REPORTED REPEATERS	96	23	463.5	64.7	314	25	473.5	62.4	410	24	471.2	63.1	
ACTUAL REPEATERS*	39	10	474.0	64.4	155	12	467.7	54.2	194	12	469.0	55.4	
AGE**	303.		21.4	5.2	1012.		28.3	4.7	1605.		26.6	5.6	
LANGUAGES:													
ARABIC	376.	91.9		ARABIC	1148.	90.6		ARABIC	1524.	90.9			
UNKNOWN	16.	3.9		UNKNOWN	81.	6.4		AMHARIC	97.	5.8			
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.153					0.175				0.170

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	409.	51.4	8.5	1267.	48.7	8.2	1676.	49.4	8.4
WRITING	409.	45.9	9.3	1267.	47.2	8.4	1676.	46.9	8.6
READING	409.	45.1	8.8	1267.	47.6	8.2	1676.	47.0	8.4
TOTAL	409.	474.7	82.5	1267.	478.4	76.0	1676.	477.5	77.6

## SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	36.	52.1	7.7	72.	48.4	9.1	128.	47.9	7.2	270.	50.3	8.4
WRITING	36.	49.1	10.7	72.	49.2	8.7	128.	46.2	7.7	270.	49.7	8.3
READING	36.	50.2	9.8	72.	47.8	9.4	128.	47.5	6.6	270.	49.8	8.5
TOTAL	36.	504.6	87.8	72.	484.6	85.3	128.	472.4	62.6	270.	499.8	77.5

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	58.	53.1	9.0	3.	44.0	9.8	700.	47.7	8.0
WRITING	58.	50.3	9.7	3.	40.0	7.1	700.	45.9	7.9
READING	58.	51.0	9.7	3.	42.3	10.7	700.	46.3	7.6
TOTAL	58.	514.3	90.7	3.	419.0	87.3	700.	466.6	71.3

\*REPEATED TOEFL DURING PERIOD OCTOBER, 1977 THROUGH JUNE, 1979--ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 18-36 FOR UNDERGRADUATES AND 20-46 FOR GRADUATES



100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 523; OF THESE 523 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 354 GRADUATE = 110 TOTAL = 474  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	241	66	507.6	71.7	78	71	547.7	57.6	319	67	517.4	70.7
FEMALES	122	34	509.4	75.1	32	29	506.9	69.0	154	33	508.9	73.9
FOREIGN CENTERS	239	66	507.7	72.7	81	74	535.5	58.5	320	68	514.8	70.4
DOMESTIC CENTERS	125	34	508.6	73.1	29	26	536.7	76.8	154	32	513.9	74.6
FOREIGN REPORTS	20	5	489.9	59.8	5	5	562.0	45.2	25	5	504.4	64.1
DOMESTIC REPORTS	172	47	516.7	78.5	56	51	563.2	49.7	228	48	526.1	75.2
BOTH KINDS	18	5	496.7	44.3	4	4	502.7	46.8	22	5	497.8	44.8
NEITHER KIND	154	42	502.1	69.2	45	41	501.7	64.8	199	42	502.0	68.2
REPORTED REPEATERS	55	15	492.6	68.5	11	10	551.8	71.8	66	14	502.5	72.5
ACTUAL REPEATERS*	18	5	479.0	56.9	1	1	367.0	0.0	19	4	473.1	60.7
AGE**	354.		22.3	4.4	90.		28.5	4.5	444.		23.5	5.1

LANGUAGES:

AMHARIC	249.	68.4	AMHARIC	74.	67.3	AMHARIC	323.	68.1
TIGRINYA	92.	25.3	TIGRINYA	27.	24.5	TIGRINYA	119.	25.1
INDEX OF LINGUISTIC FRACTIONALIZATION :	0.467			0.485			0.472	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	364.	52.9	7.4	110.	53.4	6.9	474.	53.0	7.3
WRITING	364.	50.3	8.5	110.	53.6	7.5	474.	51.0	8.4
READING	364.	49.5	7.8	110.	53.7	7.5	474.	50.4	7.9
TOTAL	364.	508.0	72.8	110.	535.8	63.9	474.	514.5	71.8

SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	2.	57.5	2.5	7.	57.4	4.3	11.	52.9	6.6	13.	54.5	5.2
WRITING	2.	55.5	6.5	7.	58.9	5.9	11.	53.1	7.0	13.	58.5	5.2
READING	2.	54.0	5.0	7.	58.4	3.5	11.	52.3	5.7	13.	58.5	5.3
TOTAL	2.	556.5	46.5	7.	582.4	33.4	11.	527.5	51.5	13.	571.8	38.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	12.	57.6	7.5	0.	0.0	0.0	65.	52.0	6.8			
WRITING	12.	57.2	5.6	0.	0.0	0.0	65.	51.5	7.5			
READING	12.	58.3	7.1	0.	0.0	0.0	65.	51.6	7.6			
TOTAL	12.	577.0	55.2	0.	0.0	0.0	65.	516.8	64.9			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 70; OF THESE 69 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 53 GRADUATE = 13 TOTAL = 66

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	46	87	511.5	80.4	11	85	555.5	82.7	57	86	520.0	82.7
FEMALES	7	13	519.0	26.7	2	15	593.5	16.5	9	14	535.6	39.7
FOREIGN CENTERS	46	87	509.2	77.6	11	85	557.3	83.7	57	86	518.4	81.0
DOMESTIC CENTERS	7	13	534.4	56.6	2	15	583.5	3.5	9	14	545.3	54.0
FOREIGN REPORTS	1	2	450.0	0.0	0	0	0.0	0.0	1	2	450.0	0.0
DOMESTIC REPORTS	30	57	520.4	83.5	8	62	547.1	82.3	38	58	526.0	84.0
BOTH KINDS	3	6	541.3	20.3	0	0	0.0	0.0	3	5	541.3	20.3
NEITHER KIND	19	36	498.7	65.1	5	38	584.0	62.9	24	36	516.5	73.3
REPORTED REPEATERS	4	8	524.2	97.9	2	15	540.0	40.0	6	9	529.5	83.5
ACTUAL REPEATERS*	1	2	370.0	0.0	0	0	0.0	0.0	1	2	370.0	0.0
AGE**	53.		22.1	3.2	12.		29.1	5.8	65.		23.4	4.7
LANGUAGES:												
UNKNOWN	20.	37.7		UNKNOWN	6.	46.2		UNKNOWN	26.	39.4		
WOLOF	13.	24.5		MALINKE	4.	30.8		WOLOF	14.	21.2		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.752					0.675				0.747

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	53.	50.3	7.1	13.	55.4	8.5	66.	51.3	7.7
WRITING	53.	52.7	8.9	13.	56.6	8.5	66.	53.4	9.0
READING	53.	50.8	8.5	13.	56.4	8.2	66.	51.9	8.8
TOTAL	53.	512.5	75.6	13.	561.3	77.5	66.	522.1	78.4

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	3.	56.7	5.6	1.	53.0	0.0	1.	51.0	0.0
WRITING	0.	0.0	0.0	3.	57.7	4.7	1.	55.0	0.0	1.	65.0	0.0
READING	0.	0.0	0.0	3.	58.7	6.1	1.	52.0	0.0	1.	57.0	0.0
TOTAL	0.	0.0	0.0	3.	576.7	54.4	1.	533.0	0.0	1.	577.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	0.	0.0	0.0	0.	0.0	0.0	8.	55.8	10.0			
WRITING	0.	0.0	0.0	0.	0.0	0.0	8.	55.4	9.9			
READING	0.	0.0	0.0	0.	0.0	0.0	8.	56.0	9.5			
TOTAL	0.	0.0	0.0	0.	0.0	0.0	8.	557.1	91.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 2271; OF THESE 2267 ARE TEST TAKERS  
 PEOPLE SAMPLES : UNDERGRADUATE = 1847 GRADUATE = 346 TOTAL = 2193  
 THIS SAMPLE IS THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL				
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.	
MALES	1682	91	557.1	52.9	305	88	584.0	48.7	1987	91	561.2	53.2	
FEMALES	165	9	556.5	54.3	41	12	593.5	49.2	206	9	563.9	55.4	
FOREIGN CENTERS	1746	95	557.6	52.4	318	92	583.9	49.1	2064	94	561.6	52.8	
DOMESTIC CENTERS	101	5	547.1	62.4	28	8	598.7	43.3	129	6	558.3	62.5	
FOREIGN REPORTS	100	5	547.9	54.0	18	5	584.6	37.6	118	5	553.5	53.4	
DOMESTIC REPORTS	1107	60	559.9	52.1	195	56	591.9	45.9	1302	59	564.7	52.5	
BOTH KINDS	159	9	551.1	53.5	62	18	589.5	42.2	221	10	561.9	53.5	
NEITHER KIND	481	26	554.2	54.3	71	21	562.7	57.4	552	25	555.3	54.8	
REPORTED REPEATERS	77	4	543.4	63.5	21	6	599.3	38.6	98	4	555.4	63.4	
ACTUAL REPEATERS*	27	1	542.6	58.8	5	1	554.8	37.5	32	1	544.5	56.2	
AGE**	1826.		22.4	3.5	336.		27.4	4.4	2162.		23.2	4.1	
LANGUAGES:													
AKAN	831.	45.0			153.	44.2			984.	44.9			
GA	358.	19.4			56.	16.2			410.	18.7			
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.722					0.728				0.723

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1847.	53.5	6.6	346.	56.0	5.8	2193.	53.9	6.6
WRITING	1847.	57.1	6.1	346.	59.8	5.6	2193.	57.6	6.1
READING	1847.	56.5	5.7	346.	59.7	5.3	2193.	57.0	5.8
TOTAL	1847.	557.0	53.1	346.	585.1	48.0	2193.	561.4	53.4

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	20.	56.8	6.3	57.	57.3	4.5	45.	56.3	6.4	62.	56.4	5.3
WRITING	20.	60.5	4.5	57.	60.7	4.7	45.	58.8	6.1	62.	60.3	4.7
READING	20.	60.8	5.1	57.	61.1	3.9	45.	59.0	5.0	62.	60.4	4.9
TOTAL	20.	593.7	48.5	57.	597.2	36.2	45.	580.2	53.3	62.	590.4	42.2
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	50.	57.1	5.7	0.	0.0	0.0	112.	54.4	6.1			
WRITING	50.	62.0	4.3	0.	0.0	0.0	112.	58.3	6.3			
READING	50.	61.4	3.8	0.	0.0	0.0	112.	58.0	6.1			
TOTAL	50.	601.6	38.8	0.	0.0	0.0	112.	569.1	54.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 205; OF THESE 205 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 66 GRADUATE = 129 TOTAL = 195  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

## CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	52	79	477.9	59.9	110	86	487.0	56.8	162	84	484.1	58.0
FEMALES	14	21	470.8	68.7	18	14	512.8	62.3	32	16	494.4	68.4
FOREIGN CENTERS	27	41	448.3	55.7	49	38	462.9	65.4	76	39	457.7	62.5
DOMESTIC CENTERS	39	59	495.8	58.6	80	62	506.3	47.2	119	61	502.9	51.5
FOREIGN REPORTS	3	5	431.3	21.9	3	2	507.7	24.6	6	3	469.5	44.7
DOMESTIC REPORTS	42	64	476.5	65.3	89	69	489.1	61.6	131	67	485.0	63.1
BOTH KINDS	2	3	443.5	36.5	6	5	491.2	81.1	8	4	479.2	75.4
NEITHER KIND	19	29	486.7	56.3	31	24	490.1	45.8	50	26	488.8	50.1
REPORTED REPEATERS	18	27	498.2	47.7	47	36	507.5	39.5	65	33	504.9	41.4
ACTUAL REPEATERS*	7	11	521.7	43.1	29	22	506.3	33.5	36	18	509.3	36.0
AGE**	56.		23.8	2.9	110.		26.1	2.4	166.		25.3	2.8
LANGUAGES:												
FRENCH	42.	63.6		FRENCH	59.	45.7		FRENCH	101.	51.8		
AKAN	14.	21.2		AKAN	38.	29.5		AKAN	52.	26.7		
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.541 0.681 0.64												

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 934; OF THESE 933 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 733 GRADUATE = 155 TOTAL = 888  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	549	75	537.5	60.1	113	73	571.0	52.4	662	75	543.2	60.2
FEMALES	184	25	553.4	65.4	42	27	565.9	55.2	226	25	555.7	63.9
FOREIGN CENTERS	641	87	539.8	62.0	124	80	566.2	55.5	765	86	544.1	61.7
DOMESTIC CENTERS	92	13	552.8	59.9	31	20	583.4	40.4	123	14	560.5	57.2
FOREIGN REPORTS	51	7	564.2	74.6	5	3	584.6	50.0	56	6	566.0	73.0
DOMESTIC REPORTS	452	62	539.0	60.9	99	64	571.5	49.7	551	62	544.8	60.3
BOTH KINDS	43	6	525.2	64.3	10	6	581.0	57.3	53	6	535.7	66.7
NEITHER KIND	187	26	545.1	57.8	41	26	550.4	59.1	228	26	547.9	58.3
REPORTED REPEATERS	42	6	525.2	51.3	13	8	576.4	50.8	55	6	537.3	55.6
ACTUAL REPEATERS*	11	2	537.4	39.4	1	1	580.0	0.0	12	1	540.6	39.5
AGE**	726.		22.2	4.0	146.		27.0	3.8	872.		23.0	4.3
LANGUAGES:												
KIKUYU	225.	30.7		KIKUYU	42.	27.1		KIKUYU	267.	30.1		
UNKNOWN	162.	22.1		UNKNOWN	33.	21.3		UNKNOWN	195.	22.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.799					0.807				0.801

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	733.	52.4	8.3	155.	54.7	7.0	888.	52.8	8.1
WRITING	733.	55.9	6.6	155.	58.3	6.2	888.	56.3	6.6
READING	733.	54.3	6.4	155.	58.0	5.9	888.	54.9	6.5
TOTAL	733.	541.5	61.9	155.	569.6	53.3	888.	546.4	61.4

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	10.	55.5	7.4	32.	55.4	6.1	22.	54.6	6.7	11.	51.2	4.4
WRITING	10.	60.3	4.5	32.	58.3	6.8	22.	57.5	6.9	11.	58.1	7.0
READING	10.	60.6	4.1	32.	59.5	4.3	22.	57.7	7.0	11.	58.0	5.4
TOTAL	10.	584.6	32.8	32.	576.3	48.9	22.	566.1	61.0	11.	557.5	42.5

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	17.	57.5	8.0	0.	0.0	0.0	63.	54.2	7.1
WRITING	17.	59.1	5.4	0.	0.0	0.0	63.	58.0	5.8
READING	17.	58.4	6.5	0.	0.0	0.0	63.	56.9	6.0
TOTAL	17.	582.9	56.8	0.	0.0	0.0	63.	563.6	54.2

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 48; OF THESE 46 ARE TEST TAKEPS  
 DEGREE SEEKERS : UNDERGRADUATE = 18 GRADUATE = 25 TOTAL = 43  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	4	22	540.7	42.1	12	48	546.4	66.2	16	37	545.0	61.1
FEMALES	14	78	534.1	41.9	13	52	549.6	43.5	27	63	551.2	46.2
FOREIGN CENTERS	16	89	530.6	42.0	23	92	551.1	53.1	39	91	542.7	49.9
DOMESTIC CENTERS	2	11	575.0	5.0	2	8	643.5	6.5	4	9	609.2	34.7
FOREIGN REPORTS	2	11	508.0	15.0	0	0	0.0	0.0	2	5	508.0	15.0
DOMESTIC REPORTS	11	61	538.0	48.2	14	56	576.6	41.2	25	58	559.6	48.3
BOTH KINDS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
NEITHER KIND	5	28	541.2	28.5	11	44	535.5	65.0	16	37	537.2	56.2
REPORTED REPEATERS	2	11	493.0	30.0	3	12	471.0	68.5	5	12	479.8	57.4
ACTUAL REPEATERS*	1	6	523.0	0.0	3	12	471.0	68.5	4	9	484.0	63.4
AGE**	18.		23.6	5.8	24.		29.9	6.5	42.		27.2	6.9
LANGUAGES:												
SEPEDI	9.	50.0		UNKNOWN	15.	60.0		UNKNOWN	24.	55.8		
UNKNOWN	9.	50.0		SEPEDI	9.	36.0		SEPEDI	18.	41.9		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.500					0.509				0.513

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	18.	51.9	6.5	25.	52.5	7.0	43.	52.3	6.8
WRITING	18.	55.6	4.6	25.	58.9	6.8	43.	57.5	6.2
READING	18.	53.2	4.6	25.	56.1	5.8	43.	54.9	5.5
TOTAL	18.	535.6	42.1	25.	558.5	56.8	43.	548.9	52.4

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	7.	53.9	6.6	1.	52.0	0.0	2.	57.0	0.0
WRITING	0.	0.0	0.0	7.	59.3	3.7	1.	63.0	0.0	2.	66.0	3.0
READING	0.	0.0	0.0	7.	56.7	3.2	1.	50.0	0.0	2.	65.5	3.5
TOTAL	0.	0.0	0.0	7.	566.3	34.2	1.	550.0	0.0	2.	628.5	21.5
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	2.	55.5	3.5	0.	0.0	0.0	13.	50.7	7.7			
WRITING	2.	57.5	5.5	0.	0.0	0.0	13.	57.5	8.0			
READING	2.	53.0	2.0	0.	0.0	0.0	13.	55.3	6.2			
TOTAL	2.	553.5	36.5	0.	0.0	0.0	13.	544.9	65.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100 PER CENT SAMPLE C: REGISTRANTS SELECTED FOR THIS COUNTRY = 279; OF THESE 278 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 163 GRADUATE = 97 TOTAL = 260  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	129	79	499.0	61.5	70	72	547.3	58.3	199	77	516.0	64.7
FEMALES	34	21	530.1	51.7	27	28	565.0	60.7	61	23	545.5	58.5
FOREIGN CENTERS	140	86	505.7	62.4	95	98	553.2	59.8	235	90	524.9	65.6
DOMESTIC CENTERS	23	14	504.0	51.4	2	2	508.5	11.5	25	10	504.3	49.4
FOREIGN REPORTS	1	1	410.0	0.0	2	2	601.5	1.5	3	1	537.7	90.3
DOMESTIC REPORTS	96	59	514.2	61.4	60	62	563.0	51.1	156	60	533.0	62.4
BOTH KINDS	5	3	512.8	68.9	6	6	574.8	41.0	11	4	546.6	63.5
NEITHER KIND	61	37	492.8	56.3	29	30	521.9	68.3	90	35	502.1	61.9
REPORTED REPEATERS	10	6	471.5	44.8	12	12	555.8	66.5	22	8	517.5	71.3
ACTUAL REPEATERS*	2	1	466.5	26.5	2	2	478.5	18.5	4	2	472.5	23.6
AGE**	159.		24.0	3.5	91.		27.8	4.5	249.		25.4	4.3
LANGUAGES:												
ENGLISH	80.	49.1		ENGLISH	48.	49.5		ENGLISH	128.	49.2		
UNKNOWN	52.	31.9		UNKNOWN	45.	46.4		UNKNOWN	97.	37.3		
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.651 0.539 0.616												

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 1564; OF THESE 1554 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 767 GRADUATE = 644 TOTAL = 1411  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	743	98	415.9	54.1	607	95	447.7	56.1	1350	96	430.2	57.2
FEMALES	19	2	439.4	77.9	34	5	462.1	70.9	53	4	454.0	74.3
FOREIGN CENTERS	166	22	431.0	67.2	167	26	459.1	62.8	333	24	444.6	66.4
DOMESTIC CENTERS	601	78	412.2	50.2	477	74	445.0	54.3	1078	76	426.7	54.6
FOREIGN REPORTS	7	1	441.4	56.7	9	1	505.8	64.8	16	1	477.6	69.2
DOMESTIC REPORTS	165	22	429.2	72.5	86	13	471.1	63.0	251	18	443.6	72.2
BOTH KINDS	6	1	453.8	69.7	3	0	540.0	29.4	9	1	482.6	71.9
NEITHER KIND	589	77	411.9	47.7	546	85	443.4	54.0	1135	80	427.1	53.2
REPORTED REPEATERS	496	65	419.8	46.6	427	66	453.5	50.5	923	65	435.4	51.3
ACTUAL REPEATERS*	201	26	427.3	42.1	233	36	459.2	46.0	434	31	444.4	47.0
AGE**	698.		23.3	3.9	596.		28.4	3.6	1294.		25.6	4.5
LANGUAGES:												
ARABIC	718.	93.6		ARABIC	618.	96.0		ARABIC	1336.	94.7		
UNKNOWN	35.	4.6		UNKNOWN	11.	1.7		UNKNOWN	46.	3.3		
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.122 0.079 0.102												



COUNTRY IS: MADAGASC WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.576

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 32; OF THESE 32 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 14 GRADUATE = 13 TOTAL = 27  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	7	50	533.0	69.6	9	69	545.8	41.3	16	59	540.2	55.8
FEMALES	7	50	527.8	53.0	4	31	478.5	30.0	11	41	509.9	51.8
FOREIGN CENTERS	7	50	521.7	43.0	7	54	520.4	51.1	14	52	521.1	47.3
DOMESTIC CENTERS	7	50	539.1	75.3	6	46	530.5	46.5	13	48	535.2	63.8
FOREIGN REPORTS	4	29	553.0	39.4	1	8	510.0	0.0	5	19	544.4	39.2
DOMESTIC REPORTS	6	43	537.8	56.5	8	62	537.3	54.0	14	52	537.5	55.1
BOTH KINDS	2	14	523.5	93.5	0	0	0.0	0.0	2	7	523.5	93.5
NEITHER KIND	2	14	470.0	23.0	4	31	504.2	35.5	6	22	492.8	35.7
REPORTED REPEATERS	4	29	491.5	62.9	4	31	562.2	52.9	8	30	526.9	68.0
ACTUAL REPEATERS*	2	14	511.5	61.5	2	15	581.5	48.5	4	15	546.5	75.7
AGE**	14.		21.1	2.7	11.		27.3	4.9	25.		23.8	4.9
LANGUAGES:												
FRENCH	8.	57.1			7.	53.8			15.	55.5		
MALAGASY	4.	28.6			5.	38.5			9.	33.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.582				0.556				0.576	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	14.	53.3	7.9	13.	51.3	6.1	27.	52.4	7.2
WRITING	14.	52.6	6.8	13.	51.6	6.8	27.	52.1	6.8
READING	14.	53.2	5.6	13.	54.7	4.2	27.	53.9	5.1
TOTAL	14.	530.4	61.9	13.	525.1	49.2	27.	527.9	56.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	61.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	56.0	0.0
WRITING	1.	59.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	53.0	0.0
READING	1.	58.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	56.0	0.0
TOTAL	1.	593.0	0.0	0.	0.0	0.0	0.	0.0	0.0	1.	550.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	3.	54.3	7.8	0.	0.0	0.0	8.	48.4	3.5			
WRITING	3.	56.3	5.0	0.	0.0	0.0	8.	48.6	6.4			
READING	3.	57.0	4.1	0.	0.0	0.0	8.	53.3	4.1			
TOTAL	3.	558.7	56.1	0.	0.0	0.0	8.	500.9	33.2			

\*REPEATED TOEFL DURING PERIOD OCTOBER, 1977 THROUGH JUNE, 1979--ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 18-36 FOR UNDERGRADUATES AND 20-46 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 51; OF THESE 51 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 17 GRADUATE = 31 TOTAL = 48

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	14	82	533.3	40.1	26	84	589.6	53.4	40	83	569.9	56.0
FEMALES	3	18	557.7	71.7	5	16	593.2	63.8	8	17	573.6	68.0
FOREIGN CENTERS	13	76	542.6	49.5	29	94	590.4	50.1	42	88	575.6	54.6
DOMESTIC CENTERS	4	24	521.2	39.2	2	6	561.0	101.0	6	13	534.5	69.1
FOREIGN REPORTS	2	12	528.0	25.0	1	3	650.0	0.0	3	6	568.7	61.0
DOMESTIC REPORTS	9	53	540.7	50.2	20	65	597.1	40.1	29	60	579.6	50.7
BOTH KINDS	1	6	547.0	0.0	6	19	603.8	19.7	7	15	595.7	27.0
NEITHER KIND	5	29	534.0	55.0	4	13	507.5	82.6	9	19	522.2	69.9
REPORTED REPEATERS	0	0	0.0	0.0	1	3	623.0	0.0	1	2	623.0	0.0
ACTUAL REPEATERS*	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
AGE**	17.		26.2	5.2	30.		27.7	5.6	47.		27.2	5.5
LANGUAGES:												
UNKNOWN	16.	94.1		UNKNOWN	27.	87.1		UNKNOWN	43.	89.6		
SHONA	1.	5.9		ENGLISH	1.	3.2		ENGLISH	1.	2.1		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.111					0.237				0.195

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	17.	54.1	6.3	31.	56.1	6.4	48.	56.7	6.6
WRITING	17.	53.3	7.5	31.	59.2	5.8	48.	57.1	7.1
READING	17.	53.8	3.9	31.	59.1	6.7	48.	57.2	6.4
TOTAL	17.	537.6	48.2	31.	588.5	55.3	48.	570.5	58.2

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	5.	59.2	5.3	12.	60.0	4.0	3.	60.3	1.2	3.	60.0	5.7
WRITING	5.	59.6	5.1	12.	60.7	2.4	3.	58.3	2.5	3.	57.7	6.2
READING	5.	60.8	5.5	12.	60.9	5.3	3.	60.7	2.6	3.	59.0	5.7
TOTAL	5.	598.6	44.8	12.	606.2	29.5	3.	597.7	14.3	3.	589.0	57.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	0.	0.0	0.0	1.	54.0	0.0	7.	53.0	8.8			
WRITING	0.	0.0	0.0	1.	51.0	0.0	7.	58.6	9.4			
READING	0.	0.0	0.0	1.	58.0	0.0	7.	54.4	9.0			
TOTAL	0.	0.0	0.0	1.	543.0	0.0	7.	553.4	83.2			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTIPANTS SELECTED FOR THIS COUNTRY = 43; OF THESE 43 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 4 GRADUATE = 38 TOTAL = 42  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	2	50	438.5	101.5	38	100	409.9	86.5	40	95	411.3	87.5
FEMALES	2	50	446.5	6.5	0	0	0.0	0.0	2	5	446.5	6.5
FOREIGN CENTERS	1	25	337.0	0.0	29	76	395.4	80.7	30	71	393.8	79.8
DOMESTIC CENTERS	3	75	477.7	44.4	9	24	458.6	49.9	12	29	465.8	48.8
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	4	100	442.5	72.0	21	55	395.9	91.9	25	60	403.3	90.7
BOTH KINDS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
NEITHER KIND	0	0	0.0	0.0	17	45	427.2	75.7	17	40	427.2	75.7
REPORTED REPEATERS	1	25	540.0	0.0	10	26	489.8	50.6	11	26	494.4	50.4
ACTUAL REPEATERS*	1	25	540.0	0.0	5	13	480.2	55.8	6	14	460.2	55.6
AGE**	4.		25.5	5.2	26.		28.8	2.6	30.		26.3	3.2
LANGUAGES:												
MALINKE	3.	75.0		BAMBARA	15.	39.5		MALINKE	17.	40.5		
BAMBARA	1.	25.0		MALINKE	14.	36.8		BAMBARA	16.	38.1		
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.375 0.690 0.676												

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 220; OF THESE 218 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 62 GRADUATE = 129 TOTAL = 191  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

## CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	50	81	508.2	78.8	108	84	544.3	61.3	158	83	532.9	69.4
FEMALES	12	19	539.7	64.7	21	16	530.3	71.9	33	17	533.4	69.5
FOREIGN CENTERS	44	71	523.1	79.5	109	84	544.5	61.9	153	80	538.3	63.2
DOMESTIC CENTERS	18	29	492.1	66.2	20	16	528.8	69.4	38	20	511.4	70.4
FOREIGN REPORTS	2	3	577.0	90.0	5	4	552.6	40.5	7	4	559.6	60.1
DOMESTIC REPORTS	37	60	503.8	77.3	76	59	549.7	63.9	113	59	534.6	71.9
BOTH KINDS	4	6	562.5	47.4	0	0	0.0	0.0	4	2	562.5	47.4
NEITHER KIND	19	31	517.2	73.3	48	37	528.9	62.4	67	35	525.6	65.8
REPORTED REPEATERS	6	10	495.8	25.5	27	21	538.7	64.3	33	17	530.9	61.5
ACTUAL REPEATERS*	6	10	469.7	30.5	5	4	508.2	59.2	11	6	487.2	49.7
AGE**	50.		21.8	3.5	115.		25.7	3.7	173.		29.4	4.1
LANGUAGES:												
ARABIC	36.	58.1			60.	46.5			96.	50.3		
FRENCH	16.	25.8			47.	36.4			63.	33.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.591				0.644				0.632	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	62.	53.0	7.6	129.	53.7	7.1	191.	53.5	7.3
WRITING	62.	50.4	9.0	129.	53.6	7.4	191.	52.6	8.1
READING	62.	50.9	8.1	129.	55.2	6.8	191.	53.8	7.6
TOTAL	62.	514.1	77.2	129.	542.0	63.4	191.	533.0	69.4

## SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES.		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	11.	55.7	3.6	12.	54.6	6.2	12.	52.2	6.3	17.	54.4	5.7
WRITING	11.	53.2	5.4	12.	55.9	5.3	12.	50.0	6.9	17.	53.0	8.1
READING	11.	59.4	3.1	12.	57.1	4.3	12.	52.7	5.8	17.	56.0	7.6
TOTAL	11.	577.1	30.2	12.	558.7	40.8	12.	516.2	56.2	17.	544.5	65.0

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	16.	55.9	7.9	0.	0.0	0.0	61.	52.7	7.6
WRITING	16.	55.3	6.3	0.	0.0	0.0	61.	52.8	7.7
READING	16.	58.1	6.0	0.	0.0	0.0	61.	53.6	7.2
TOTAL	16.	564.7	62.1	0.	0.0	0.0	61.	530.9	67.3

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 14; OF THESE 14 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 8 GRADUATE = 3 TOTAL = 11  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	6	75	554.2	28.9	2	67	533.5	86.5	8	73	549.0	50.8
FEMALES	2	25	553.5	43.5	1	33	617.0	0.0	3	27	574.7	46.4
FOREIGN CENTERS	5	63	554.6	31.7	2	67	618.5	1.5	7	64	572.9	39.4
DOMESTIC CENTERS	3	35	553.0	35.5	1	33	447.0	0.0	4	36	526.5	55.3
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	7	88	549.3	32.9	2	67	533.5	86.5	9	82	545.8	50.5
BOTH KINDS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
NEITHER KIND	1	13	587.0	0.0	1	33	617.0	0.0	2	18	602.0	15.0
REPORTED REPEATERS	2	25	540.0	30.0	0	0	0.0	0.0	2	18	540.0	30.0
ACTUAL REPEATERS*	1	13	570.0	0.0	0	0	0.0	0.0	1	9	570.0	0.0
AGE**	7.		22.3	4.1	3.		28.7	4.9	10.		24.2	5.3
LANGUAGES:												
PORTUGUE	5.	62.5		PORTUGUE	3.	100.0		PORTUGUE	8.	72.7		
CHINESE	1.	12.5		CHINESE	0.	0.0		CHINESE	1.	9.1		
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.563								

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 31; OF THESE 31 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 20 GRADUATE = 9 TOTAL = 29

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	19	95	469.4	54.6	8	89	496.2	71.7	27	93	477.4	61.4
FEMALES	1	5	443.0	0.0	1	11	560.0	0.0	2	7	501.5	58.5
FOREIGN CENTERS	16	80	461.6	56.4	7	78	439.0	72.3	23	79	473.0	64.0
DOMESTIC CENTERS	4	20	494.0	27.5	2	22	516.5	61.5	6	21	502.2	43.6
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	8	40	464.9	49.3	5	56	501.8	65.4	13	45	479.1	69.0
BOTH KINDS	2	10	463.5	96.5	0	0	0.0	0.0	2	7	463.5	96.5
NEITHER KIND	10	50	471.6	43.5	4	44	505.2	45.6	14	48	481.2	46.7
REPORTED REPEATERS	4	20	463.5	45.0	0	0	0.0	0.0	4	14	463.5	45.0
ACTUAL REPEATERS*	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
AGE**	20.		22.3	3.2	9.		27.7	4.9	29.		24.0	4.5
LANGUAGES:												
IBO	4.	20.0		UNKNOWN	3.	33.3		UNKNOWN	5.	17.2		
XHOSA	3.	15.0		FRENCH	2.	22.2		HAUSA	5.	17.2		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.880				0.765				0.892	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	20.	45.6	7.4	9.	49.3	8.4	29.	46.8	7.9
WRITING	20.	46.4	6.5	9.	48.9	6.3	29.	47.2	7.2
READING	20.	48.9	6.6	9.	52.8	6.3	29.	50.1	6.7
TOTAL	20.	468.1	53.5	9.	503.3	70.5	29.	479.0	61.5

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	0.	0.0	0.0	1.	30.0	0.0	0.	0.0	0.0
WRITING	0.	0.0	0.0	0.	0.0	0.0	1.	37.0	0.0	0.	0.0	0.0
READING	0.	0.0	0.0	0.	0.0	0.0	1.	39.0	0.0	0.	0.0	0.0
TOTAL	0.	0.0	0.0	0.	0.0	0.0	1.	353.0	0.0	0.	0.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	1.	60.0	0.0	0.	0.0	0.0	7.	50.6	4.5			
WRITING	1.	58.0	0.0	0.	0.0	0.0	7.	49.3	7.5			
READING	1.	62.0	0.0	0.	0.0	0.0	7.	53.4	3.5			
TOTAL	1.	600.0	0.0	0.	0.0	0.0	7.	511.0	42.2			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 14202; OF THESE 14173 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 12072 GRADUATE = 1485 TOTAL = 13557  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	10514	87	504.9	49.5	1276	86	552.4	56.5	11790	87	510.0	52.4
FEMALES	1546	13	509.1	55.2	207	14	555.0	70.7	1753	13	514.5	59.2
FOREIGN CENTERS	11165	92	503.1	49.3	1250	84	549.6	60.4	12415	92	507.7	52.4
DOMESTIC CENTERS	907	8	534.5	53.5	235	16	568.6	45.8	1142	8	541.5	53.8
FOREIGN REPORTS	293	2	511.9	49.0	33	2	548.0	54.8	326	2	515.6	50.8
DOMESTIC REPORTS	6117	51	510.6	51.4	926	62	559.6	55.4	7043	52	517.1	54.5
BOTH KINDS	632	5	503.9	48.8	117	8	562.8	53.4	749	6	513.1	54.0
NEITHER KIND	5030	42	498.9	48.4	409	28	534.4	63.7	5439	40	501.6	50.6
REPORTED REPEATERS	1233	10	506.9	48.3	167	11	552.3	57.0	1400	10	512.3	51.6
ACTUAL REPEATERS*	375	3	506.5	39.1	25	2	549.6	43.6	400	3	509.2	40.7
AGE**	11623.		22.7	3.7	1372.		28.0	4.7	12995.		23.3	4.2
LANGUAGES:												
IBO	5989.	49.6		IBO	496.	33.4		IBO	6485.	47.8		
UNKNOWN	1904.	15.8		UNKNOWN	313.	21.1		UNKNOWN	2217.	16.4		
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.694					0.779			
												0.707

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	12072.	47.4	6.4	1485.	52.4	7.2	13557.	47.9	6.7
WRITING	12072.	52.0	6.2	1485.	56.5	6.6	13557.	52.5	6.4
READING	12072.	52.3	5.7	1485.	57.1	6.3	13557.	52.9	5.9
TOTAL	12072.	505.4	50.3	1485.	552.6	58.8	13557.	510.6	53.4

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	62.	52.2	7.0	247.	52.4	6.5	216.	53.9	6.4	222.	54.4	6.8
WRITING	62.	56.4	7.4	247.	57.8	5.3	216.	57.7	5.4	222.	57.7	5.6
READING	62.	56.5	6.5	247.	58.1	4.9	216.	58.4	5.3	222.	59.2	5.4
TOTAL	62.	549.5	61.8	247.	560.0	44.9	216.	566.1	48.7	222.	571.0	50.5
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	166.	54.6	6.9	6.	56.2	7.8	566.	50.3	7.5			
WRITING	166.	57.7	5.9	6.	61.0	4.9	566.	54.6	7.6			
READING	166.	58.4	5.6	6.	60.0	3.3	566.	54.9	6.9			
TOTAL	166.	568.7	53.1	6.	590.5	49.9	566.	532.3	65.3			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 455; OF THESE 455 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 359 GRADUATE = 77 TOTAL = 436

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	260	72	553.4	48.6	61	79	590.0	35.5	321	74	560.4	48.5
FEMALES	99	28	552.2	53.1	16	21	569.0	63.6	115	26	554.5	55.0
FOREIGN CENTERS	336	94	553.6	49.0	64	83	585.3	43.9	400	92	558.7	49.6
DOMESTIC CENTERS	23	6	545.1	60.1	13	17	587.2	42.4	36	8	560.3	58.1
FOREIGN REPORTS	15	4	575.3	44.2	4	5	590.7	13.5	19	4	578.6	40.2
DOMESTIC REPORTS	239	67	557.4	45.9	45	58	590.8	47.8	284	65	561.1	47.0
BOTH KINDS	29	8	547.2	44.7	7	9	607.6	30.2	36	8	559.0	48.6
NEITHER KIND	76	21	537.4	59.6	21	27	587.9	39.2	97	22	549.3	59.5
REPORTED REPEATERS	13	4	536.9	71.1	9	12	607.4	29.1	22	5	565.8	67.4
ACTUAL REPEATERS*	2	1	553.5	6.5	0	0	0.0	0.0	2	0	553.5	6.5
AGE**	351.		22.7	4.7	73.		26.8	4.5	424.		23.4	4.9
LANGUAGES:												
SHONA	290.	80.8		SHONA	60.	77.9		SHONA	350.	80.3		
ZULU	25.	7.0		ZULU	5.	6.5		ZULU	30.	6.9		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.339				0.382				0.347	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	359.	53.8	6.1	77.	56.7	5.5	436.	54.3	6.1
WRITING	359.	57.2	5.9	77.	60.4	4.8	436.	57.8	5.8
READING	359.	55.0	5.4	77.	58.6	5.5	436.	55.6	5.6
TOTAL	359.	553.1	49.9	77.	585.7	43.7	436.	558.8	50.4

## SCORES BY FIELD

(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	20.	54.9	5.7	12.	60.6	4.9	8.	54.3	4.7
WRITING	0.	0.0	0.0	20.	57.9	5.8	12.	61.5	3.8	8.	61.0	4.9
READING	0.	0.0	0.0	20.	58.2	7.1	12.	59.0	4.1	8.	60.0	3.8
TOTAL	0.	0.0	0.0	20.	569.9	54.8	12.	603.6	38.7	8.	584.1	36.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	4.	56.0	5.6	2.	58.5	4.5	31.	56.9	4.8			
WRITING	4.	60.5	3.4	2.	64.0	2.0	31.	61.3	3.9			
READING	4.	58.5	3.5	2.	63.5	1.5	31.	58.0	5.4			
TOTAL	4.	583.2	28.7	2.	620.0	27.0	31.	587.4	37.1			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 200; OF THESE 200 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 73 GRADUATE = 95 TOTAL = 168  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	53	73	562.0	70.9	75	79	615.1	44.0	128	76	593.1	62.5
FEMALES	20	27	571.9	76.6	20	21	617.6	34.3	40	24	594.7	63.6
FOREIGN CENTERS	60	82	565.8	72.5	89	94	616.1	40.0	149	89	595.8	60.6
DOMESTIC CENTERS	13	18	559.8	73.4	6	6	609.3	66.2	19	11	575.5	74.9
FOREIGN REPORTS	4	5	599.0	39.7	1	1	623.0	0.0	5	3	603.8	35.9
DOMESTIC REPORTS	45	62	567.8	73.8	77	81	619.5	37.8	122	73	600.4	59.5
BOTH KINDS	5	7	567.4	60.7	4	4	601.5	42.4	9	5	582.6	55.9
NEITHER KIND	19	26	549.5	74.7	13	14	595.5	58.5	32	19	568.6	72.4
REPORTED REPEATERS	4	5	496.7	82.0	0	0	0.0	0.0	4	2	496.7	82.0
ACTUAL REPEATERS*	3	4	509.0	92.0	0	0	0.0	0.0	3	2	509.0	92.0
AGE**	72.		23.1	5.3	92.		29.8	5.6	164.		26.3	6.2
LANGUAGES:												
ENGLISH	22.	30.1		ENGLISH	28.	29.5		ENGLISH	50.	29.8		
ZULU	16.	21.9		AFRIKAAN	25.	26.3		AFRIKAAN	31.	19.5		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.816					0.798				0.818

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	73.	56.6	7.8	95.	60.6	5.7	168.	58.9	7.0
WRITING	73.	56.5	8.8	95.	61.7	4.3	168.	59.4	7.2
READING	73.	56.4	7.5	95.	62.4	4.1	168.	59.8	6.5
TOTAL	73.	564.7	72.7	95.	615.7	42.1	168.	593.5	62.7

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	8.	65.3	1.9	22.	58.8	5.1	6.	64.7	3.3	11.	61.8	6.4
WRITING	8.	64.6	3.2	22.	60.2	4.6	6.	63.2	1.8	11.	62.1	4.4
READING	8.	63.4	3.3	22.	60.8	4.3	6.	63.3	2.5	11.	64.1	3.8
TOTAL	8.	644.2	24.7	22.	600.0	40.8	6.	637.0	16.3	11.	626.7	45.3
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	9.	61.1	4.7	2.	64.0	0.0	37.	59.4	6.0			
WRITING	9.	62.6	2.1	2.	64.0	1.0	37.	61.3	4.6			
READING	9.	62.3	2.2	2.	64.5	0.5	37.	62.3	4.6			
TOTAL	9.	620.1	21.7	2.	641.5	1.5	37.	609.5	46.4			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 74; OF THESE 74 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 31 GRADUATE = 38 TOTAL = 69  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	23	74	474.6	51.4	38	100	504.7	69.5	61	88	493.3	65.0
FEMALES	8	26	459.6	59.3	0	0	0.0	0.0	8	12	459.6	59.3
FOREIGN CENTERS	23	74	469.1	53.5	30	79	489.2	64.9	53	77	480.5	61.1
DOMESTIC CENTERS	8	26	475.5	55.1	8	21	562.9	53.2	16	23	519.2	69.6
FOREIGN REPORTS	1	3	447.0	0.0	2	5	510.0	43.0	3	4	499.0	46.0
DOMESTIC REPORTS	14	45	479.9	49.1	22	58	519.3	73.2	36	52	504.0	67.7
BOTH KINDS	1	3	483.0	0.0	1	3	590.0	0.0	2	3	536.5	53.5
NEITHER KIND	15	49	463.0	59.9	13	34	472.5	52.9	28	41	467.4	57.0
REPORTED REPEATERS	3	10	477.7	47.8	7	18	563.0	54.0	10	14	537.4	65.2
ACTUAL REPEATERS*	1	3	527.0	0.0	4	11	527.7	40.0	5	7	527.6	35.7
AGE**	29.		29.9	3.7	35.		34.9	3.7	64.		35.9	3.9
LANGUAGES:												
WOLOF	14.	45.2			16.	42.1			30.	43.5		
FRENCH	7.	22.6			10.	26.3			17.	24.6		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.699				0.704				0.699	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	31.	47.5	7.6	38.	48.2	7.7	69.	47.9	7.6
WRITING	31.	46.5	6.0	38.	50.9	7.3	69.	49.0	7.1
READING	31.	47.6	4.6	38.	52.3	7.4	69.	50.2	6.7
TOTAL	31.	470.7	54.0	38.	504.7	69.5	69.	489.4	65.2

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	64.0	0.0	2.	46.5	3.5	5.	42.4	8.2	2.	52.0	1.0
WRITING	1.	57.0	0.0	2.	53.0	8.0	5.	45.0	5.8	2.	58.5	2.5
READING	1.	61.0	0.0	2.	55.0	3.0	5.	45.0	7.6	2.	59.0	2.0
TOTAL	1.	607.0	0.0	2.	515.0	48.0	5.	441.4	71.1	2.	565.0	2.0

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	11.	49.6	6.5	0.	0.0	0.0	17.	47.8	7.4
WRITING	11.	52.9	6.3	0.	0.0	0.0	17.	49.9	7.3
READING	11.	54.1	5.6	0.	0.0	0.0	17.	51.6	7.5
TOTAL	11.	522.2	57.5	0.	0.0	0.0	17.	497.6	66.4

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 209; OF THESE 207 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 149 GRADUATE = 47 TOTAL = 196

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	103	70	519.9	62.5	39	85	563.8	61.8	142	73	532.0	65.3
FEMALES	46	30	529.9	52.0	7	15	529.9	68.4	52	27	529.9	54.5
FOREIGN CENTERS	103	72	521.1	62.7	34	72	566.0	61.0	142	72	531.9	65.2
DOMESTIC CENTERS	41	28	525.8	51.3	13	28	529.0	71.8	54	28	526.6	56.9
FOREIGN REPORTS	11	7	547.2	67.8	0	0	0.0	0.0	11	6	547.2	67.8
DOMESTIC REPORTS	93	62	525.1	61.8	32	68	575.3	49.6	125	64	538.0	62.9
BOTH KINDS	5	3	504.0	59.0	6	13	588.0	34.5	11	6	549.8	63.1
NEITHER KIND	40	27	511.7	48.9	9	19	464.9	55.5	49	25	503.1	53.4
REPORTED REPEATERS	21	14	525.3	59.5	4	9	571.2	73.6	25	13	532.6	64.2
ACTUAL REPEATERS*	8	5	509.5	56.5	0	0	0.0	0.0	8	4	509.5	56.5
AGE**	148.		24.2	5.1	41.		28.4	4.3	189.		25.1	5.2
LANGUAGES:												
UNKNOWN	64.	43.0		MENDE	19.	40.4		UNKNOWN	79.	40.3		
MENDE	52.	34.9		UNKNOWN	15.	31.9		MENDE	71.	36.2		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.678					0.716				0.691

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	149.	52.3	7.0	47.	54.9	6.2	196.	52.9	6.9
WRITING	149.	52.6	7.1	47.	56.5	7.3	196.	53.5	7.4
READING	149.	52.2	6.4	47.	56.1	7.6	196.	53.2	6.9
TOTAL	149.	522.4	59.8	47.	555.8	66.3	196.	530.4	63.0

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	4.	59.8	1.8	11.	53.9	3.9	6.	54.0	4.7	7.	60.6	5.0
WRITING	4.	64.5	0.9	11.	58.5	3.8	6.	59.0	2.7	7.	58.0	6.6
READING	4.	63.3	2.4	11.	52.3	3.4	6.	57.5	4.7	7.	59.9	4.4
TOTAL	4.	625.0	14.6	11.	564.1	28.4	6.	568.3	37.9	7.	594.9	50.9
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	2.	60.0	5.0	0.		0.0	17.	51.9	6.7			
WRITING	2.	61.5	4.5	0.	0.0	0.0	17.	51.2	7.9			
READING	2.	59.0	3.0	0.	0.0	0.0	17.	50.8	9.2			
TOTAL	2.	601.5	41.5	0.	0.0	0.0	17.	508.2	73.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 175; OF THESE 173 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 119 GRADUATE = 46 TOTAL = 165  
 THIS PUH USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

## CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	103	87	479.8	62.2	33	83	497.3	82.7	141	85	484.5	68.8
FEMALES	16	13	490.7	89.2	7	15	468.1	59.1	23	14	483.8	81.1
FOREIGN CENTERS	91	76	480.5	63.9	41	89	502.4	77.3	132	80	487.4	69.2
DOMESTIC CENTERS	28	24	483.6	73.9	5	11	407.4	32.9	33	20	472.1	74.5
FOREIGN REPORTS	5	4	535.2	89.7	1	2	560.0	0.0	6	4	539.3	82.4
DOMESTIC REPORTS	30	25	504.9	65.3	20	43	494.8	77.0	50	30	500.8	70.4
BOTH KINDS	10	8	489.1	73.9	0	0	0.0	0.0	10	6	489.1	73.9
NEITHER KIND	74	62	467.0	58.7	25	54	487.3	81.6	99	60	472.1	65.8
REPORTED REPEATERS	11	9	478.9	49.6	6	13	427.2	35.9	17	10	460.7	51.6
ACTUAL REPEATERS*	3	3	463.7	73.9	0	0	0.0	0.0	3	2	463.7	73.9
AGE**	111.		24.1	3.6	41.		28.8	4.9	152.		25.3	4.4

## LANGUAGES:

SOMALI	117.	98.3	SOMALI	42.	91.3	SOMALI	159.	96.4
UNKNOWN	2.	1.7	UNKNOWN	4.	8.7	UNKNOWN	6.	3.6

INDEX OF LINGUISTIC FRACTIONALIZATION : 0.033 0.159 0.070

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	119.	49.3	6.9	46.	49.7	6.9	165.	49.2	6.9
WRITING	119.	46.6	8.3	46.	47.9	10.2	165.	47.0	8.9
READING	119.	48.3	7.3	46.	51.1	8.2	165.	49.1	7.7
TOTAL	119.	481.3	66.4	46.	492.1	79.5	165.	484.3	70.4

## SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	53.0	0.0	2.	54.5	10.5	2.	50.0	2.0	11.	47.0	6.4
WRITING	1.	56.0	0.0	2.	49.0	15.0	2.	44.0	9.0	11.	47.8	8.7
READING	1.	55.0	0.0	2.	52.0	13.0	2.	45.5	2.5	11.	51.0	5.8
TOTAL	1.	547.0	0.0	2.	518.5	128.5	2.	465.0	45.0	11.	486.1	65.3

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	58.0	0.0	1.	35.0	0.0	28.	48.9	6.4
WRITING	1.	63.0	0.0	1.	39.0	0.0	28.	47.6	10.2
READING	1.	63.0	0.0	1.	45.0	0.0	28.	51.1	8.8
TOTAL	1.	613.0	0.0	1.	384.0	0.0	28.	492.1	78.8

\*REPEATED TOEFL DURING PERIOD OCTOBER, 1977 THROUGH JUNE, 1979--ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 18-36 FOR UNDERGRADUATES AND 20-46 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 612; OF THESE 612 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 102 GRADUATE = 468 TOTAL = 570  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	92	91	447.2	76.4	442	95	480.3	51.9	534	94	474.6	58.2
FEMALES	9	9	508.2	59.2	25	5	467.1	52.3	34	6	478.0	57.2
FOREIGN CENTERS	83	81	445.2	77.2	445	95	479.2	51.7	528	93	473.8	57.8
DOMESTIC CENTERS	19	19	482.7	66.3	23	5	482.6	62.0	42	7	482.6	64.0
FOREIGN REPORTS	18	18	404.1	37.6	7	1	478.6	62.9	25	4	425.0	56.9
DOMESTIC REPORTS	45	44	474.9	80.7	247	53	485.1	50.6	292	51	483.5	56.4
BOTH KINDS	3	3	459.0	105.4	23	5	507.7	48.2	26	5	502.1	59.8
NEITHER KIND	36	35	447.3	71.3	191	41	468.5	51.9	227	40	465.1	55.9
REPORTED REPEATERS	16	16	464.6	69.9	68	15	484.5	52.9	84	15	480.7	57.0
ACTUAL REPEATERS*	4	4	450.0	74.1	22	5	483.2	55.9	26	5	478.1	60.2
AGE**	97.		23.3	4.0	435.		29.3	3.5	532.		28.2	4.3

LANGUAGES:

ARABIC	91.	89.2	ARABIC	447.	95.5	ARABIC	539.	94.4
UNKNOWN	7.	6.9	UNKNOWN	15.	3.2	UNKNOWN	22.	3.9
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.199				0.087	0.108

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	102.	46.7	8.8	468.	45.3	6.1	570.	45.5	6.7
WRITING	102.	44.8	8.5	468.	48.8	6.9	570.	48.1	7.4
READING	102.	44.1	8.5	468.	49.7	6.3	570.	48.7	7.0
TOTAL	102.	452.2	76.7	468.	479.3	52.2	570.	474.5	58.3

SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	9.	46.3	4.2	57.	44.8	7.2	78.	44.4	6.0	54.	45.5	5.7
WRITING	9.	47.6	4.6	57.	49.2	7.2	78.	49.8	6.3	54.	48.6	7.0
READING	9.	45.9	7.9	57.	50.5	6.2	78.	50.7	5.6	54.	50.3	6.8
TOTAL	9.	466.1	51.9	57.	481.7	54.9	78.	483.0	44.4	54.	481.4	54.3

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	28.	47.0	6.5	8.	46.0	6.5	234.	45.4	5.9
WRITING	28.	53.7	5.1	8.	52.4	7.0	234.	47.7	6.9
READING	28.	52.4	5.2	8.	52.1	5.6	234.	48.8	6.2
TOTAL	28.	510.5	45.8	8.	501.7	45.3	234.	473.1	52.6

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 25; OF THESE 25 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 11 GRADUATE = 12 TOTAL = 23  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	7	64	519.6	41.4	7	58	571.9	37.2	14	61	545.7	47.2
FEMALES	4	36	543.5	22.1	5	42	602.0	27.6	9	39	584.9	31.7
FOREIGN B. CENTERS	11	100	535.5	41.4	12	100	584.4	36.7	23	100	561.0	46.0
DOMESTIC B. CENTERS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
FOREIGN B. REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC B. REPORTS	8	73	528.0	42.7	7	58	574.7	39.7	15	65	549.8	47.5
BOTH KINDS	0	0	0.0	0.0	3	25	610.0	23.4	3	13	610.0	23.4
NEITHER KIND	3	27	555.7	29.3	2	17	580.0	20.0	5	22	565.4	28.6
REPORTED B. REPEATERS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
ACTUAL B. REPEATERS*	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
AGE**	11.		25.4	5.3	11.		27.0	3.3	22.		26.2	4.5
LANGUAGE(S):												
ZULU	6.	54.5		UNKNOWN	6.	50.0		UNKNOWN	11.	47.8		
UNKNOWN	5.	45.5		ZULU	5.	41.7		ZULU	11.	47.8		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.496				0.569				0.541	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	11.	55.3	4.4	12.	58.7	4.0	23.	57.0	4.5
WRITING	11.	51.7	6.5	12.	59.0	5.5	23.	55.5	7.0
READING	11.	53.6	4.6	12.	57.7	4.9	23.	55.7	5.2
TOTAL	11.	535.5	41.4	12.	584.4	36.7	23.	561.0	46.0

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	3.	58.7	5.6	0.	0.0	0.0	1.	61.0	0.0	1.	58.0	0.0
WRITING	3.	60.0	5.1	0.	0.0	0.0	1.	63.0	0.0	1.	62.0	0.0
READING	3.	56.7	9.0	0.	0.0	0.0	1.	62.0	0.0	1.	55.0	0.0
TOTAL	3.	584.3	65.1	0.	0.0	0.0	1.	620.0	0.0	1.	583.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	1.	60.0	0.0	1.	62.0	0.0	5.	57.4	3.9			
WRITING	1.	57.0	0.0	1.	61.0	0.0	5.	57.0	6.8			
READING	1.	57.0	0.0	1.	59.0	0.0	5.	57.8	2.0			
TOTAL	1.	580.0	0.0	1.	607.0	0.0	5.	574.0	14.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 337; OF THESE 337 ARE TESTTAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 183 GRADUATE = 118 TOTAL = 301  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	136	75	527.2	69.0	105	89	559.9	48.6	241	80	541.5	63.1
FEMALES	46	25	538.7	56.7	13	11	572.9	43.2	59	20	546.3	55.8
FOREIGN CENTERS	158	86	525.2	64.8	100	85	559.4	45.4	258	86	538.5	60.4
DOMESTIC CENTERS	25	14	561.3	66.2	18	15	572.3	60.6	43	14	565.9	64.1
FOREIGN REPORTS	21	11	572.0	58.8	10	8	574.3	39.7	31	10	572.7	53.4
DOMESTIC REPORTS	89	49	513.5	65.1	82	69	557.7	47.8	171	57	534.7	61.5
BOTH KINDS	9	5	523.6	71.5	9	8	576.6	43.0	18	6	550.1	64.7
NEITHER KIND	64	35	540.5	60.7	17	14	563.4	54.3	81	27	545.3	60.2
REPORTED REPEATERS	14	8	541.9	66.2	8	7	541.5	65.2	22	7	541.8	65.8
ACTUAL REPEATERS*	7	4	551.4	55.1	1	1	520.0	0.0	8	3	547.5	52.6
AGE**	177.		24.3	5.6	112.		28.9	4.2	289.		26.0	5.6
LANGUAGES:												
SWAHILI	131.	71.6			98.	83.1			229.	76.1		
GUJARATI	36.	19.7			10.	8.5			46.	15.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.447					0.301			
									0.396			

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	183.	52.6	7.9	118.	53.0	6.4	301.	52.8	7.3
WRITING	183.	53.3	7.4	118.	57.4	6.1	301.	54.9	7.2
READING	183.	53.1	7.0	118.	57.8	5.5	301.	54.9	6.8
TOTAL	183.	530.2	66.1	118.	561.3	48.3	301.	542.4	61.7

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	4.	49.0	3.2	29.	51.8	6.3	16.	55.4	5.7	11.	53.5	7.0
WRITING	4.	57.8	3.9	29.	56.2	7.5	16.	58.6	4.8	11.	56.9	5.9
READING	4.	57.8	2.2	29.	57.8	7.1	16.	57.8	3.3	11.	57.4	3.9
TOTAL	4.	548.0	26.9	29.	552.7	58.5	16.	572.7	35.0	11.	559.2	41.1
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	21.	51.4	6.1	0.	0.0	0.0	37.	54.2	6.2			
WRITING	21.	58.2	5.2	0.	0.0	0.0	37.	57.5	6.0			
READING	21.	58.6	5.1	0.	0.0	0.0	37.	57.4	5.6			
TOTAL	21.	560.5	46.0	0.	0.0	0.0	37.	565.8	47.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*LIMITED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 18; OF THESE 18 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 9 GRADUATE = 7 TOTAL = 16  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

## CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	8	89	470.2	82.2	7	100	497.6	66.3	15	94	483.0	76.4
FEMALES	1	11	587.0	0.0	0	0	0.0	0.0	1	6	587.0	0.0
FOREIGN CENTERS	6	67	445.0	67.3	3	43	463.3	60.8	9	56	451.1	65.8
DOMESTIC CENTERS	3	33	559.7	65.0	4	57	523.2	58.1	7	44	538.9	63.7
FOREIGN REPORTS	1	11	597.0	0.0	1	14	443.0	0.0	2	13	515.0	72.0
DOMESTIC REPORTS	5	56	511.2	79.2	5	71	502.8	73.2	10	63	507.0	76.4
BOTH KINDS	3	33	402.0	9.4	0	0	0.0	0.0	3	19	402.0	9.4
NEITHER KIND	0	0	0.0	0.0	1	14	526.0	0.0	1	6	526.0	0.0
REPORTED REPEATERS	0	0	0.0	0.0	3	43	554.3	37.3	3	19	554.3	37.3
ACTUAL REPEATERS*	0	0	0.0	0.0	1	14	526.0	0.0	1	6	526.0	0.0
AGE**	8.		23.8	5.1	6.		26.5	3.0	14.		24.9	4.5
LANGUAGES:												
EWE	7.	77.8			3.	42.9			10.	62.5		
FRENCH	1.	11.1			2.	28.6			3.	18.8		
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.370 0.694 0.563												



100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 93; OF THESE 93 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 28 GRADUATE = 53 TOTAL = 81  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	22	79	451.6	49.4	49	92	509.2	68.4	71	88	491.3	68.5
FEMALES	6	21	559.0	34.1	4	8	505.7	46.0	10	12	537.7	47.2
FOREIGN CENTERS	18	64	459.8	69.3	49	92	507.8	66.5	67	83	494.9	70.6
DOMESTIC CENTERS	10	36	501.4	41.7	4	8	522.5	70.3	14	17	507.4	52.4
FOREIGN REPORTS	3	11	504.3	57.1	2	4	525.0	65.0	5	6	512.6	61.2
DOMESTIC REPORTS	11	43	477.0	74.3	20	38	541.4	58.7	32	40	517.3	72.1
BOTH KINDS	1	4	387.0	0.0	2	4	576.5	23.5	3	4	513.3	91.4
NEITHER KIND	12	43	472.2	48.7	29	55	480.7	60.2	41	51	478.2	57.2
REPORTED REPEATERS	5	18	470.0	15.8	15	28	491.0	71.4	20	25	485.7	63.0
ACTUAL REPEATERS*	0	0	0.0	0.0	7	13	491.7	65.0	7	9	491.7	65.0
AGE**	28.		25.9	4.6	52.		26.7	4.4	80.		26.4	4.5
LANGUAGES:												
ARABIC	21.	75.0		ARABIC	36.	67.9		ARABIC	57.	70.4		
FRENCH	5.	17.9		FRENCH	12.	22.6		FRENCH	17.	21.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.403					0.483				0.458

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	28.	49.0	7.1	53.	49.5	7.3	81.	49.3	7.2
WRITING	28.	47.2	7.3	53.	50.1	8.0	81.	49.1	7.9
READING	28.	46.6	7.9	53.	53.1	6.6	81.	50.8	7.7
TOTAL	28.	474.6	64.1	53.	508.9	66.9	81.	497.1	67.9

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	5.	52.2	9.5	4.	49.8	1.3	7.	55.9	6.9
WRITING	0.	0.0	0.0	5.	53.0	9.4	4.	49.0	3.4	7.	57.4	4.6
READING	0.	0.0	0.0	5.	52.4	7.8	4.	52.3	2.4	7.	60.0	4.5
TOTAL	0.	0.0	0.0	5.	525.4	85.2	4.	503.2	21.9	7.	577.4	48.1
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	5.	56.0	3.3	0.	0.0	0.0	32.	46.6	6.2			
WRITING	5.	51.6	4.2	0.	0.0	0.0	32.	48.0	8.1			
READING	5.	58.2	1.3	0.	0.0	0.0	32.	50.9	6.1			
TOTAL	5.	552.6	20.2	0.	0.0	0.0	32.	485.2	61.0			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 164; OF THESE 164 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 102 GRADUATE = 45 TOTAL = 147  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	66	65	556.6	54.9	31	69	577.6	42.3	97	66	563.5	52.2
FEMALES	36	35	544.4	56.9	14	31	570.0	44.8	50	34	551.6	55.0
FOREIGN CENTERS	83	81	550.3	55.1	35	78	576.8	41.2	118	80	553.1	52.8
DOMESTIC CENTERS	19	19	562.0	58.5	10	22	570.5	49.3	29	20	564.9	55.6
FOREIGN REPORTS	9	9	560.0	43.6	5	11	583.0	38.7	14	10	570.0	44.0
DOMESTIC REPORTS	57	56	562.1	49.0	28	62	577.9	41.5	85	58	567.3	47.3
BOTH KINDS	9	9	539.9	57.6	3	7	593.3	23.6	12	8	552.5	56.4
NEITHER KIND	27	26	534.1	66.4	9	20	554.7	49.0	36	24	539.3	63.0
REPORTED REPEATERS	7	7	517.1	59.6	5	11	549.2	64.1	12	8	530.5	63.6
ACTUAL REPEATERS*	4	4	501.7	15.4	2	4	485.0	45.0	6	4	493.2	29.9
AGE**	101.		22.7	4.8	44.		28.1	4.6	145.		24.3	5.3
LANGUAGES:												
GANDA	36.	35.3			12.	26.7			48.	7		
LUGANDA	25.	24.5			12.	26.7			33.	22.4		
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.764 0.788 2.780												

COUNTRY IS: UP VOLTA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.779

100 PER CENT SAMPLE OF PIGISIPANTS SELECTED FOR THIS COUNTRY = 25; OF THESE 25 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 5 GRADUATE = 16 TOTAL = 23  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN & S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	4	80	460.0	34.7	18	100	475.7	49.8	22	96	472.9	47.8
FEMALES	1	20	490.0	0.0	0	0	0.0	0.0	1	4	490.0	0.0
FOREIGN CENTERS	4	80	459.2	32.9	12	67	475.2	60.8	16	70	470.9	55.6
DOMESTIC CENTERS	1	20	497.0	0.0	6	33	476.8	7.1	7	30	479.7	9.6
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	4	80	459.2	32.9	16	89	468.3	42.6	20	87	466.3	41.1
BOTH KINDS	1	20	497.0	0.0	0	0	0.0	0.0	1	4	497.0	0.0
NEITHER KIND	0	0	0.0	0.0	2	11	535.0	62.0	2	9	535.0	62.0
REPORTED REPEATERS	0	0	0.0	0.0	4	22	487.7	12.5	4	17	487.7	12.5
ACTUAL REPEATERS*	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
AGE**	5.		23.4	1.2	15.		28.1	2.6	20.		26.9	3.1
LANGUAGES:												
UNKNOWN	3.	60.0		UNKNOWN	5.	27.6		UNKNOWN	8.	34.8		
FRENCH	1.	20.0		FRENCH	4.	22.2		FRENCH	5.	21.7		
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.560								

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 164; OF THESE 163 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 75 GRADUATE = 67 TOTAL = 142  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	63	84	435.2	67.8	57	85	474.6	75.4	120	85	453.9	74.1
FEMALES	12	16	483.2	52.5	10	15	515.6	36.5	22	15	497.9	77.4
FOREIGN CENTERS	54	72	426.2	65.1	52	78	476.9	65.6	106	75	451.0	79.9
DOMESTIC CENTERS	21	28	485.6	54.8	15	22	493.9	56.1	36	25	489.0	55.5
FOREIGN REPORTS	0	0	0.0	0.0	2	3	457.0	30.0	2	1	457.0	30.0
DOMESTIC REPORTS	48	64	405.4	70.9	37	55	477.6	81.3	85	60	459.5	77.2
BOTH KINDS	3	4	419.0	66.3	3	4	552.3	74.8	6	4	490.7	100.6
NEITHER KIND	24	32	440.6	61.2	25	37	477.3	76.6	49	35	459.3	71.8
REPORTED REPEATERS	10	13	442.1	62.8	19	28	470.2	59.6	29	20	477.7	51.8
ACTUAL REPEATERS*	2	3	471.5	11.5	5	7	478.2	15.4	7	5	476.3	14.7
AGE**	74.		23.6	3.6	64.		26.8	3.5	138.		25.1	3.9
LANGUAGES:												
FRENCH	23.	30.7			FRENCH	23.	34.3		FRENCH	46.	32.4	
SWAHILI	10.	14.7			KIKONGO	10.	14.9		SWAHILI	21.	14.8	
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.826					0.806				0.821

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	75.	43.9	8.8	67.	46.6	8.3	142.	45.2	8.7
WRITING	75.	44.2	7.6	67.	48.3	8.8	142.	46.1	8.5
READING	75.	45.1	7.3	67.	49.4	8.8	142.	47.1	8.3
TOTAL	75.	442.8	67.9	67.	480.6	80.2	142.	460.6	76.3

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	7.	47.8	7.4	11.	47.9	8.7	10.	45.5	8.8	4.	44.5	13.0
WRITING	7.	50.4	7.5	11.	50.8	8.9	10.	50.9	6.5	4.	45.5	14.0
READING	7.	52.4	8.6	11.	49.7	8.5	10.	50.5	7.6	4.	46.0	12.9
TOTAL	7.	502.4	70.1	11.	494.4	81.5	10.	489.8	71.9	4.	453.5	129.5
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	7.	44.5	5.1	0.	0.0	0.0	20.	46.9	7.7			
WRITING	7.	46.7	8.8	0.	0.0	0.0	20.	46.6	8.3			
READING	7.	50.5	4.7	0.	0.0	0.0	28.	48.4	9.0			
TOTAL	7.	472.3	55.0	0.	0.0	0.0	28.	472.6	78.5			

\*REPEATED TOEFL DURING PERIOD OCTOBER, 1977 THROUGH JUNE, 1979--ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 18-36 FOR UNDERGRADUATES AND 20-46 FOR GRADUATES

100 PER CENT SAMPLE OF PARTICIPANTS SELECTED FOR THIS COUNTRY = 189; OF THESE 189 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 102 GRADUATE = 87 TOTAL = 189  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	82	80	544.1	68.8	70	86	572.4	53.3	152	83	557.1	63.8
FEMALES	20	20	544.7	70.3	11	14	579.5	52.1	31	17	557.0	66.5
FOREIGN CENTERS	90	88	551.6	64.6	71	88	576.8	48.0	161	88	562.7	59.2
DOMESTIC CENTERS	12	12	488.2	75.8	10	12	548.8	76.6	22	12	515.8	81.9
FOREIGN REPORTS	6	6	545.0	32.6	5	6	578.6	35.8	11	6	560.3	39.0
DOMESTIC REPORTS	59	58	551.5	73.2	55	68	582.1	32.5	114	62	566.3	59.3
BOTH KINDS	7	7	512.3	53.9	6	7	596.0	34.4	13	7	550.9	62.1
NEITHER KIND	30	29	537.0	66.4	15	19	530.5	90.5	45	25	534.8	75.3
REPORTED REPEATERS	5	6	444.2	46.0	4	5	561.0	112.2	10	5	486.9	81.1
ACTUAL REPEATERS*	2	2	448.5	21.5	0	0	0.0	0.0	2	1	448.5	21.5
AGE**	101.		24.4	5.7	77.		27.6	4.7	178.		25.8	5.5
LANGUAGES:												
UNKNOWN	49.	48.0		UNKNOWN	57.	70.4		UNKNOWN	106.	57.9		
GUJARATI	22.	21.6		GUJARATI	13.	16.0		GUJARATI	35.	19.1		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.705					0.476				0.621

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	102.	54.9	7.7	81.	55.9	5.6	183.	55.4	6.9
WRITING	102.	54.8	8.4	81.	58.3	6.7	183.	56.4	7.9
READING	102.	53.6	7.2	81.	57.7	6.1	183.	55.4	7.1
TOTAL	102.	544.2	69.1	81.	573.4	53.2	183.	557.1	64.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	3.	57.3	2.9	21.	55.5	5.3	7.	54.3	6.0	11.	58.1	5.7
WRITING	3.	58.7	0.5	21.	60.7	3.1	7.	57.1	5.2	11.	58.8	6.0
READING	3.	59.7	2.5	21.	60.4	4.6	7.	56.7	4.2	11.	58.0	2.9
TOTAL	3.	582.3	3.3	21.	589.0	33.7	7.	560.6	44.0	11.	583.0	36.6
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	2.	56.0	0.0	2.	59.5	1.5	35.	55.5	5.8			
WRITING	2.	59.0	1.0	2.	63.0	1.0	35.	56.6	8.6			
READING	2.	57.5	2.5	2.	62.0	1.0	35.	55.9	7.7			
TOTAL	2.	575.0	5.0	2.	615.0	5.0	35.	560.3	67.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

### Section 3. Postsecondary-Degree Planning TOEFL

#### Candidates from Countries in the Americas

##### AMERICA-TOTAL ( 21048)

ARGENTINA	( 586)
BAHAMAS	( 4)*
BARBADOS	( 5)*
BELIZE	( 9)*
BOLIVIA	( 413)
BRAZIL	( 2461)
CANADA	( 444)
CHILE	( 831)
COLOMBIA	( 1830)
COSTA RICA	( 492)
CUBA	( 169)
DOMINICA	( 226)
ECUADOR	( 550)
EL SALVADOR	( 570)
FR. GUIANA	( 6)*
GUADALOUPE	( 6)*
GUATEMALA	( 290)
GUYANA	( 40)
HAITI	( 310)
HONDURAS	( 399)
JAMAICA	( 25)
MARTINIQUE	( 10)
MEXICO	( 3464)
NETH. ANT.	( 208)
NICARAGUA	( 594)
PANAMA	( 725)
PARAGUAY	( 52)
PERU	( 1072)
PUERTO RICO	( 777)
SURINAM	( 70)
TRINIDAD	( 26)
URUGUAY	( 140)
USA	( 281)
VENEZUELA	( 3934)
WEST INDIES	( 9)*

This section provides detailed tabular

summaries of data, by country, on the character-

istics of postsecondary-degree planning TOEFL

candidates from 29 of 35 countries from the Americas

(i.e., all but those marked by a star in the list

at left), by level of planned degree program.

- o Some 8.9 percent of all degree planning candidates during 1977-79 were from the Americas.
- o Largest contingents were from Venezuela, Mexico, Brazil, Colombia, and Peru (all with 1,000 or more candidates) which collectively accounted for 52.9 percent of all the region's candidates.
- o Candidate contingents from the Americas were typically very homogeneous linguistically (Spanish).

Selected data for each of 24 countries with the largest candidate contingents (which accounted for 98.8 percent of all candidates from the Americas) are presented in a regional overview consisting of four summary tables. Detailed tables for countries with 10 or more candidates are then presented in alphabetical order.

## TOEFL CANDIDATES FROM AMERICAN COUNTRIES: REGIONAL OVERVIEW

CHARACTERISTICS OF TOEFL CANDIDATES BY REGION AND COUNTRY: UNDERGRADUATE  
AND GRADUATE DEGREE SEEKERS ONLY (INTERNATIONAL AND SPECIAL PROGRAMS ONLY)

1977-78 &amp; 1978-79

REGION AND COUNTRY	TEST TAK- ERS(TT)	DEGREE SEEKERS(XTT)*						REPEAT- ERS	AGE**		SEX	CENTER LOCALE	SCORE REPORT***				LANGUAGES	
		U. G.		GRAD		TOTAL			U. G.	GRAD			FOR. U.S.	BOTH	NO	MAIN#	LF#	
		N	%	N	%	N	%		(MEAN)	(MEAN)								%
AMERICA-TOTAL	24874	10199	41	10849	44	21048	85	24	20.8	27.3	66	59	4	52	4	39	98	0.06
ARGENTINA	788	191	24	395	50	586	74	12	22.7	28.6	66	73	5	58	4	32	98	0.05
BOLIVIA	486	316	65	97	20	413	85	26	20.8	28.5	72	55	3	55	3	39	97	0.06
BRAZIL	3098	599	19	1882	61	2481	80	26	21.7	28.7	65	82	3	53	6	39	97	0.06
CANADA	536	193	36	251	47	444	83	8	20.9	25.6	65	11	27	39	9	25	75	0.43
CHILE	1043	270	26	561	54	831	80	25	22.4	28.6	73	75	7	50	2	41	99	0.03
COLOMBIA	2079	1008	48	822	40	1830	88	23	20.2	27.1	66	60	3	57	3	37	98	0.04
COSTA RICA	555	228	41	264	48	492	89	17	20.1	26.2	73	80	5	45	6	44	99	0.03
CUBA	306	86	28	83	27	169	55	13	20.1	27.5	59	42	1	68	2	30	98	0.03
DOMINICA	312	111	36	115	37	226	72	21	19.8	25.8	63	57	8	53	8	32	100	0.0
ECUADOR	617	337	55	213	35	550	89	21	20.2	28.4	69	59	2	56	4	38	99	0.02
EL SALVADOR	657	420	64	158	23	578	87	25	20.1	26.8	60	58	2	56	2	40	100	0.01
GUATEMALA	406	161	40	129	32	290	71	17	19.9	26.4	68	67	3	44	3	50	99	0.01
HAITI	527	185	35	125	24	310	59	15	21.6	27.8	62	55	4	65	5	25	97	0.05
HONDURAS	437	293	67	106	24	399	91	25	19.7	28.4	55	55	4	54	9	33	99	0.03
MEXICO	3952	951	24	2513	64	3464	88	23	21.1	25.9	79	66	4	55	5	35	99	0.03
NETH. ANTILLES	223	166	74	42	19	208	93	8	19.1	25.4	52	82	3	62	4	31	79	0.35
NICARAGUA	665	434	65	160	24	594	89	25	19.4	26.0	60	38	5	48	3	43	98	0.04
PANAMA	833	466	56	259	31	725	87	23	19.6	26.5	59	72	3	50	6	40	98	0.05
PARAGUAY	71	30	42	22	31	52	73	21	22.6	26.4	65	58	10	48	0	42	90	0.18
PERU	1307	613	47	459	35	1072	82	21	20.4	28.0	66	75	6	49	7	38	98	0.03
PUERTO RICO	856	345	40	432	50	777	91	5	18.9	24.8	49	42	1	80	4	15	98	0.04
URUGUAY	164	48	29	92	56	140	85	9	22.3	28.8	66	81	4	67	7	22	95	0.10
USA	341	216	63	65	19	281	82	12	18.7	25.3	55	73	3	62	5	30	34	0.82
VENEZUELA	4372	2366	54	1568	36	3934	90	41	22.0	28.4	65	36	4	41	2	54	98	0.04
OTHER	243	166	68	44	18	210	86	7	21.7	27.8	56	65	3	57	2	37		
ALL CONTINENTS	282899	119592	42	116146	41	235738	83	32	21.4	26.3	72	71	7	38	5	50	84	0.21

\*EXCLUDES CANDIDATES TAKING TOEFL FOR OTHER REASONS UNLESS OTHERWISE NOTED; ALSO EXCLUDES CANDIDATES IN INSTITUTIONAL PROGRAMS.

\*\*AGE RESTRICTED TO 15-45 FOR UNDERGRADUATES, 20-50 FOR GRADUATES.

\*\*\*FOR. = EMBASSY, AGENCY, FOUNDATION, FOREIGN HIGHER INSTITUTION; U.S. = U.S. COLLEGE OR UNIVERSITY.

#MOST FREQUENTLY REPORTED NATIVE LANGUAGE AS A PERCENTAGE OF ALL LANGUAGES REPORTED.

#AN ESTIMATE OF THE PROBABILITY THAT TWO CANDIDATES PICKED AT RANDOM WOULD NOT SPEAK THE SAME LANGUAGE.

At regional and all continents levels, these are median values.

10000



## TOEFL CANDIDATES FROM AMERICAN COUNTRIES: REGIONAL OVERVIEW

Continued

MEAN TOEFL TOTAL SCORES FOR DEMOGRAPHIC GROUPS BY REGION AND COUNTRY:  
 UNDERGRADUATE AND GRADUATE DEGREE SEEKERS  
 INTERNATIONAL AND SPECIAL TESTING PROGRAMS ONLY

1977-78 &amp; 1978-79

REGION AND COUNTRY	NO. OF DEGREE SEEKERS	DEGREE SEEKERS			SEX		TEST CENTER		SELF-REPORTED REPEATERS	SCORE REPORT PATTERN**			
		U.G.	GRAD.	TOTAL	MEN	WOMEN	FOREIGN	U. S. - CANADA		FOR.	U.S.	BOTH	NONE
AMERICA-TOTAL	( 21048)	516	517	517	514	521	525	505	500	530	529	540	496
ARGENTINA	( 506)	553	552	552	549	559	551	555	533	560	557	551	543
BOLIVIA	( 413)	512	505	510	506	523	522	496	497	493(*)	520	521(*)	497
BRAZIL	( 2481)	518	515	516	514	520	517	511	502	516	527	534	499
CANADA	( 444)	558	578	570	576	558	543	573	535	570	577	595	549
CHILE	( 831)	516	524	521	520	524	521	521	510	535	533	528	504
COLOMBIA	( 1830)	519	511	515	515	517	525	500	509	517	527	540	496
COSTA RICA	( 492)	521	524	523	519	535	529	499	508	533	534	548	507
CUBA	( 169)	548	573	560	565	552	563	558	549	613(*)	568	556(*)	541
DOMINICA	( 226)	527	496	512	513	509	518	503	496	535	516	549	489
ECUADOR	( 550)	506	502	504	501	512	505	503	506	542(*)	513	522	488
EL SALVADOR	( 570)	522	512	519	517	523	531	502	508	493(*)	530	550(*)	504
GUATEMALA	( 290)	532	532	532	529	538	541	514	522	545(*)	542	537(*)	522
HAITI	( 310)	494	498	495	486	510	484	509	503	463(*)	504	497	478
HONDURAS	( 399)	525	505	520	508	535	544	490	498	530	530	559	492
MEXICO	( 3464)	525	521	522	520	530	526	515	513	525	531	544	504
NETH. ANT.	( 208)	565	552	562	558	567	565	552	553	566(*)	569	564(*)	549
NICARAGUA	( 594)	509	497	506	503	510	521	497	500	506	518	533	491
PANAMA	( 725)	518	504	513	510	518	519	497	500	515	528	528	492
PARAGUAY	( 52)	521	498	512	503	527	506	520	497(*)	409(*)	536	0(*)	507
PERU	( 1072)	523	510	517	511	530	517	517	504	561	525	531	499
PUERTO RICO	( 777)	527	540	534	537	532	535	533	501	508(*)	537	539	515
URUGUAY	( 140)	557	550	552	543	570	559	524	533(*)	547(*)	554	572(*)	539
USA	( 281)	572	536	564	558	571	563	566	507	586(*)	568	588(*)	551
VENEZUELA	( 3934)	488	493	490	490	491	515	476	482	506	508	518	474
OTHER	( 210)	564	552	561	556	568	559	567	548(*)	557(*)	574	609(*)	540

Note: Except for number of degree seekers, all numbers are means.

(\*) Mean based on less than 10 cases.

\*\* For. = Embassy, agency, foreign higher institution; U.S. = U.S. college or university



TOEFL PART AND TOTAL SCORES BY REGION AND COUNTRY:  
 UNDERGRADUATE AND GRADUATE DEGREE SEEKERS ONLY  
 INTERNATIONAL AND SPECIAL PROGRAMS ONLY

1977-78 &amp; 1978-79

REGION AND COUNTRY	ALL DEGREE SEEKERS					UNDERGRADUATES					GRADUATES				
	(N)	LIST- EN	WRITE	READ	TOTAL	(N)	LIST- EN	WRITE	READ	TOTAL	(N)	LIST- EN	WRITE	READ	TOTAL
		M SD	M SD	M SD	M SD		M SD	M SD	M SD	M SD		M SD	M SD	M SD	M SD
AMERICA-TOTAL	( 21048)	54.8	49.9	53.7	517.72	( 10199)	55.8	49.9	52.8	516.74	( 10849)	53.8	49.8	54.7	517.71
ARGENTINA	( 586)	56.7	53.8	57.6	552.65	( 191)	57.8	53.9	56.7	553.69	( 395)	55.7	53.8	58.6	552.63
BOLIVIA	( 413)	54.7	48.8	52.7	510.70	( 316)	55.7	48.8	51.7	512.69	( 97)	53.8	47.9	52.7	505.74
BRAZIL	( 2481)	53.8	49.9	53.7	516.72	( 599)	55.8	49.9	52.8	518.76	( 1882)	52.8	49.8	54.7	515.70
CANADA	( 444)	59.6	54.8	58.7	570.65	( 193)	59.7	53.9	56.7	558.69	( 251)	59.6	55.8	59.7	578.60
CHILE	( 831)	54.8	49.8	54.7	521.70	( 270)	55.8	48.9	52.8	516.74	( 561)	53.8	49.8	55.7	524.68
COLOMBIA	( 1830)	54.8	49.9	52.7	515.72	( 1008)	55.8	49.9	52.8	519.74	( 822)	52.8	48.8	53.7	511.69
COSTA RICA	( 492)	55.8	49.9	53.7	523.75	( 228)	56.8	49.9	52.7	521.76	( 264)	54.8	49.9	54.7	524.73
CUBA	( 169)	59.7	53.9	56.7	560.69	( 86)	58.8	52.9	54.7	548.70	( 83)	60.6	54.9	59.7	573.65
DOMINICA	( 226)	54.8	48.9	52.8	512.74	( 111)	56.7	50.9	52.8	527.74	( 115)	51.7	47.9	51.8	496.71
ECUADOR	( 550)	53.8	47.8	51.7	504.70	( 337)	54.7	47.8	51.7	506.68	( 213)	52.8	47.9	52.8	502.72
EL SALVADOR	( 570)	55.7	49.9	52.7	519.70	( 420)	55.7	50.9	52.7	522.69	( 150)	53.7	49.8	52.8	512.71
GUATEMALA	( 290)	56.7	50.9	54.7	532.66	( 161)	56.8	51.9	53.7	532.70	( 129)	55.7	50.8	55.6	532.62
HAITI	( 310)	51.9	48.9	50.8	495.77	( 185)	51.9	48.9	49.8	494.76	( 125)	50.8	49.9	51.9	498.79
HONDURAS	( 399)	55.8	49.9	52.7	520.75	( 293)	55.8	50.9	53.7	525.74	( 106)	53.8	47.9	52.7	505.75
MEXICO	( 3464)	54.8	49.8	54.7	522.68	( 951)	56.8	50.9	52.8	525.73	( 2513)	54.8	49.8	54.6	521.66
NETH. ANT.	( 208)	61.5	54.7	55.6	562.52	( 166)	61.5	54.7	55.6	565.51	( 42)	60.4	53.7	54.7	552.54
NICARAGUA	( 594)	54.7	47.8	51.7	506.64	( 434)	55.7	48.8	51.7	509.66	( 160)	53.7	46.8	51.6	497.61
PANAMA	( 725)	55.8	48.9	52.7	513.73	( 466)	55.8	49.9	52.7	518.72	( 259)	53.8	47.9	51.7	504.74
PARAGUAY	( 52)	53.8	48.8	52.7	512.69	( 30)	55.8	49.8	52.7	521.70	( 22)	51.8	47.7	52.7	498.64
PERU	( 1072)	54.8	49.9	53.8	517.74	( 613)	55.7	50.9	52.7	523.72	( 459)	52.9	48.9	53.8	510.77
PUERTO RICO	( 777)	56.8	50.9	55.8	534.75	( 345)	56.8	49.9	53.8	527.78	( 432)	56.7	51.9	56.7	540.73
URUGUAY	( 140)	56.8	53.9	57.7	552.71	( 48)	58.7	54.9	56.7	557.71	( 92)	55.8	53.9	57.6	550.71
USA	( 281)	59.7	55.9	55.8	564.74	( 216)	60.6	56.8	56.7	572.66	( 65)	57.8	52.11	53.10	536.91
VENEZUELA	( 3934)	52.8	46.8	50.7	490.68	( 2366)	52.8	46.8	49.7	488.69	( 1568)	51.8	46.8	51.7	493.67
OTHER	( 210)	59.6	55.7	55.7	561.62	( 166)	59.6	55.7	55.7	564.60	( 44)	57.6	53.8	56.8	552.67

Note: For all continents totals, see corresponding table for African countries.

TOEFL TOTAL SCORES FOR FIELDS OF STUDY BY REGION AND COUNTRY: GRADUATE  
DEGREE SEEKERS ONLY (INTERNATIONAL AND SPECIAL PROGRAMS ONLY)\*\*

1977-78 &amp; 1976-79

REGION AND COUNTRY	TOTAL (ALL FIELDS)		MEANS BY FIELD							PER CENTS BY FIELD***						
	N	MEAN	ARTS	SOC	BIO	PHY	BUS.	LAW	OTH-	ARTS	SOC	BIO	PHY	BUS.	LAW	OTH-
			4HUM	SCI	SCI	SCI			ER**	4HUM	SCI	SCI	SCI			ER**
AMERICA-TOTAL	( 10849)	517	537	533	514	522	553	552	503	5	12	8	16	9	1	49
ARGENTINA	( 395)	552	588	551	542	552	589	578	540	8	15	8	18	7	2(*)	42
BOLIVIA	( 97)	505	493	562	540	471	547	---	496	4(*)	6(*)	7(*)	8(*)	7(*)	0(*)	67
BRAZIL	( 1882)	515	547	518	499	521	551	540	505	6	13	7	17	7	2	48
CANADA	( 251)	578	561	579	556	603	603	620	562	7	23	15	12	19	1(*)	23
CHILE	( 561)	524	543	541	513	523	565	572	514	6	13	6	17	6	0(*)	51
COLOMBIA	( 822)	511	494	526	511	511	542	497	504	6	11	9	12	11	1(*)	50
COSTA RICA	( 264)	524	543	550	517	547	553	568	509	5(*)	9	11	10	9	3(*)	54
CUBA	( 83)	573	571	591	562	569	620	---	549	11(*)	17(*)	11(*)	12(*)	14(*)	0(*)	35
DOMINICA	( 115)	496	501	513	520	498	482	620	485	3(*)	13	10(*)	20	6(*)	1(*)	47
ECUADOR	( 213)	502	515	522	470	527	527	410	496	6(*)	6(*)	7(*)	13	5(*)	0(*)	64
EL SALVADOR	( 150)	512	523	519	503	503	556	---	505	4(*)	7(*)	8(*)	13	11	0(*)	57
GUATEMALA	( 129)	532	558	568	497	557	576	---	526	2(*)	3(*)	7(*)	15	9(*)	0(*)	64
HAITI	( 125)	498	549	519	485	496	534	512	477	6(*)	14	14	10(*)	12	2(*)	42
HONDURAS	( 106)	505	516	509	488	491	561	---	496	4(*)	8(*)	12(*)	7(*)	13(*)	0(*)	56
MEXICO	( 2513)	521	540	538	511	523	550	556	506	2	12	9	22	12	1	42
NETH. ANTILLES	( 42)	552	562	591	500	615	587	657	534	5(*)	14(*)	2(*)	5(*)	5(*)	2(*)	67
NICARAGUA	( 160)	497	501	516	513	480	556	---	488	3(*)	8(*)	6(*)	7(*)	9(*)	0(*)	67
PANAMA	( 259)	504	552	510	532	499	549	548	495	3(*)	9	8	12	3(*)	1(*)	64
PARAGUAY	( 22)	498	---	473	---	521	---	580	491	0(*)	18(*)	0(*)	23(*)	0(*)	5(*)	55(*)
PERU	( 459)	510	517	526	508	479	553	578	506	5	7	5	15	10	2(*)	55
PUERTO RICO	( 432)	540	555	547	543	540	538	567	523	8	30	16	11	9	2(*)	25
URUGUAY	( 92)	550	564	574	519	587	614	---	537	5(*)	16	30	14(*)	4(*)	0(*)	29
USA	( 65)	536	---	569	502	513	606	622	532	0(*)	6(*)	9(*)	23	6(*)	5(*)	51
VENEZUELA	( 1568)	493	509	507	497	520	534	509	480	4	9	5	14	6	1(*)	62
OTHER	( 44)	552	499	620	546	559	590	---	533	5(*)	14(*)	9(*)	5(*)	11(*)	0(*)	57
ALL CONTINENTS	(116146)	511	536	533	526	536	556	558	494	3	8	5	15	8	1	60

\*GRADUATE DEGREE SEEKERS ONLY; EXCLUDES ALL CANDIDATES REPORTING OTHER REASONS FOR TAKING TOEFL.

\*\*PREDOMINANTLY NO RESPONSE; ALSO INCLUDES FIELD NOT LISTED.

\*\*\*PER CENTS BASED ON N'S LESS THAN 15 ARE FOLLOWED BY "(\*)". WHEN THERE ARE NO CASES "----" REPLACES THE MEAN.

100 PER CENT SAMPLE OF REGISIPANTS SELECTED FOR THIS COUNTRY = 789; OF THESE 788 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 191 GRADUATE = 395 TOTAL = 586  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	114	60	548.5	67.4	272	69	548.8	62.1	386	66	548.7	63.7
FEMALES	77	40	558.8	70.6	123	31	558.5	63.3	200	34	558.6	66.2
FOREIGN CENTERS	99	52	550.8	70.3	327	83	551.2	63.1	426	73	551.1	64.9
DOMESTIC CENTERS	92	48	554.6	67.4	69	17	554.6	59.9	160	27	554.6	64.3
FOREIGN REPORTS	9	5	551.3	74.2	22	6	562.9	46.1	31	5	559.5	56.0
DOMESTIC REPORTS	123	64	555.1	68.9	216	55	557.8	63.2	339	58	556.8	65.3
BOTH KINDS	4	2	541.7	96.4	22	6	553.0	57.7	26	4	551.3	65.3
NEITHER KIND	55	29	548.1	65.3	135	34	540.3	63.0	190	32	542.5	63.8
REPORTED REPEATERS	21	11	526.9	39.7	47	12	535.7	61.1	68	12	533.0	55.5
ACTUAL REPEATERS*	10	5	531.9	45.6	28	7	518.2	61.6	38	6	521.8	58.2
AGE**	189.		22.7	5.3	381.		28.6	4.9	570.		26.7	5.7
LANGUAGES:												
SPANISH	185.	96.9		SPANISH	387.	98.0		SPANISH	572.	97.6		
UNKNOWN	4.	2.1		UNKNOWN	4.	1.0		UNKNOWN	8.	1.4		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.061					0.040				0.047

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	191.	57.1	7.5	395.	54.8	7.3	586.	55.5	7.4
WRITING	191.	53.1	8.5	395.	53.2	7.7	586.	53.2	8.0
READING	191.	55.5	6.6	395.	57.6	6.0	586.	56.9	6.3
TOTAL	191.	552.6	68.9	395.	551.8	62.6	586.	552.1	64.7

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	33.	58.2	5.0	59.	55.2	7.3	31.	53.2	7.0	72.	53.5	7.7
WRITING	33.	57.6	6.2	59.	52.9	8.5	31.	51.6	6.1	72.	53.2	6.9
READING	33.	60.4	4.7	59.	57.4	5.5	31.	58.1	4.8	72.	58.6	5.1
TOTAL	33.	587.5	47.0	59.	550.9	64.1	31.	542.4	51.1	72.	551.8	57.5

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	26.	53.5	5.7	8.	59.3	3.9	166.	53.9	7.4
WRITING	26.	57.7	4.9	8.	55.4	3.6	166.	51.9	8.1
READING	26.	60.6	4.3	8.	58.9	2.6	166.	56.1	6.7
TOTAL	26.	589.4	45.1	8.	578.2	26.7	166.	539.7	66.9

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF RESIDENTS SELECTED FOR THIS COUNTRY = 488; OF THESE 486 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 316 GRADUATE = 97 TOTAL = 413

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	222	70	507.4	70.8	76	78	499.8	75.6	298	72	505.5	72.2
FEMALES	94	30	522.8	63.6	21	22	522.8	62.4	115	28	522.8	63.6
FOREIGN CENTERS	159	50	530.1	70.4	69	71	503.1	74.2	228	55	521.9	72.6
DOMESTIC CENTERS	157	50	493.6	62.8	28	29	503.7	71.6	185	45	495.9	64.5
FOREIGN REPORTS	7	2	509.1	103.6	4	4	454.2	80.3	11	3	492.8	98.2
DOMESTIC REPORTS	194	61	521.0	69.5	34	35	516.0	76.4	228	55	520.3	70.6
BOTH KINDS	7	2	510.9	63.3	6	6	523.2	46.1	13	3	520.8	56.1
NEITHER KIND	100	34	495.5	62.8	53	55	493.5	71.7	161	39	496.5	65.9
REPORTED REPEATERS	83	26	496.3	62.1	25	26	500.7	65.1	108	26	497.4	62.8
ACTUAL REPEATERS*	38	12	498.3	52.5	10	10	519.0	39.6	48	12	502.6	50.8
AGE**	315.		20.8	4.3	79.		29.5	5.0	394.		22.4	5.5
LANGUAGES:												
SPANISH	309.	97.8			92.	94.8			SPANISH	401.	97.1	
UNKNOWN	7.	2.2			2.	2.1			UNKNOWN	7.	1.7	
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.043 0.100 0.057												

100 PER CENT SAMPLE OF MIGRANTS SELECTED FOR THIS COUNTRY = 3102; OF THESE 3098 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 599 GRADUATE = 1882 TOTAL = 2481  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	333	56	512.0	73.5	1073	68	514.7	68.3	1611	65	514.1	69.4
FEMALES	266	44	525.0	77.8	604	32	516.9	74.8	870	35	519.7	75.8
FOREIGN CENTERS	405	65	521.1	75.8	1624	86	516.2	70.6	2030	82	517.2	72.3
DOMESTIC CENTERS	193	32	511.8	69.5	258	14	510.5	69.2	451	18	511.1	68.9
FOREIGN REPORTS	15	3	533.1	70.5	68	4	511.5	64.8	83	3	516.3	66.7
DOMESTIC REPORTS	334	57	531.4	72.6	966	51	525.1	72.0	1305	53	526.7	72.2
BOTH KINDS	21	4	526.2	87.9	116	6	535.0	68.0	137	6	533.7	71.5
NEITHER KIND	224	37	486.0	74.3	732	39	499.8	66.1	956	39	488.9	69.1
REPORTED REPEATERS	99	17	485.9	56.0	541	29	503.3	62.1	643	26	502.2	61.2
ACTUAL REPEATERS*	59	10	487.6	49.9	297	16	489.5	50.5	356	14	489.2	50.4
AGE**	590.		21.7	4.4	1843.		28.7	5.3	2433.		27.0	5.9
LANGUAGES:												
PORTUGUE	570.	95.2			1838.	97.7			2408.	97.1		
UNKNOWN	11.	1.8			30.	1.6			41.	1.7		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.094					0.046				0.058

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	599.	54.6	8.2	1882.	51.9	8.0	2481.	52.5	8.1
WRITING	599.	49.2	9.0	1882.	49.1	8.3	2481.	49.1	8.5
READING	599.	52.0	7.7	1882.	53.7	7.1	2481.	53.3	7.3
TOTAL	599.	519.1	75.8	1882.	515.4	70.4	2481.	516.1	71.8

## SCORES BY FIELD

(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	114.	55.5	7.4	240.	52.2	8.2	135.	49.9	8.5	318.	51.8	8.1
WRITING	114.	53.1	9.2	240.	49.3	8.6	135.	47.6	8.8	318.	49.5	8.1
READING	114.	55.7	6.9	240.	53.9	7.1	135.	52.1	7.2	318.	54.9	6.9
TOTAL	114.	547.3	72.4	240.	517.9	72.5	135.	499.1	73.4	318.	521.0	70.3
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	141.	56.5	6.9	33.	53.7	7.0	901.	50.9	7.6			
WRITING	141.	52.4	7.0	33.	52.5	7.0	901.	48.0	8.0			
READING	141.	56.7	5.9	33.	55.8	5.4	901.	52.6	7.0			
TOTAL	141.	551.2	58.2	33.	539.7	61.4	901.	504.7	67.5			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF RESIDENTS SELECTED FOR THIS COUNTRY = 539 ; OF THESE 536 ARE TEST TAKERS  
 DOUBLE CHECKERS : UNDERGRADUATE = 193 GRADUATE = 351 TOTAL = 544  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORES):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	115	60	563.6	72.5	174	69	583.6	58.3	289	65	575.7	65.1
FEMALES	78	40	549.9	63.2	77	31	566.5	62.8	155	35	558.2	63.6
FOREIGN BORN	33	17	541.9	70.3	16	6	544.0	70.9	49	11	542.6	70.5
DOMESTIC BORN	160	83	561.4	68.5	235	94	580.7	59.7	395	89	572.9	63.6
FOREIGN REPORTS	60	31	564.0	64.4	59	23	575.8	61.1	118	27	569.9	63.1
DOMESTIC REPORTS	66	34	567.2	64.9	139	43	583.0	56.2	175	39	577.1	59.0
BOTH KINDS	3	2	595.7	35.4	36	14	594.5	52.9	39	9	594.6	51.8
NEITHER KIND	64	33	541.3	75.5	49	19	559.0	71.1	110	25	549.9	74.2
REPORTED REPEATERS	21	11	541.0	62.5	15	6	526.7	70.2	36	8	535.0	66.2
ACTUAL REPEATERS*	11	6	503.1	51.7	8	3	490.4	57.0	19	4	520.9	59.9
AGE**	192.		20.9	3.5	235.		25.6	4.5	428.		23.5	4.7
LANGUAGES:												
FRENCH	114.	59.1			218.	86.9			332.	74.8		
ENGLISH	31.	16.1			9.	3.6			36.	8.1		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.603				0.443				0.408	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	193.	59.0	6.5	251.	59.2	5.6	444.	59.2	6.1
WRITING	193.	52.9	8.7	251.	55.2	7.7	444.	54.2	8.2
READING	193.	55.6	7.3	251.	59.2	6.6	444.	57.6	7.1
TOTAL	193.	558.1	69.2	251.	578.4	60.2	444.	569.6	65.1

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	17.	59.5	4.0	58.	59.2	6.3	38.	57.4	6.9	31.	61.1	3.8
WRITING	17.	55.0	7.3	58.	55.4	8.1	38.	51.2	7.5	31.	57.7	4.9
READING	17.	54.8	10.5	58.	59.2	5.3	38.	58.2	5.4	31.	61.9	3.3
TOTAL	17.	560.7	61.0	58.	579.2	60.9	38.	556.3	59.8	31.	602.6	33.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	48.	61.3	5.1	2.	60.5	6.5	57.	58.4	5.7			
WRITING	48.	50.0	5.9	2.	62.5	0.5	57.	53.3	8.5			
READING	48.	61.8	4.6	2.	63.0	1.0	57.	56.9	8.0			
TOTAL	48.	603.3	45.0	2.	620.0	17.0	57.	562.0	69.3			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100 PER CENT SAMPLE OF RESIDENTS SELECTED FOR THIS COUNTRY = 1045; OF THESE 1045 ARE TEST TAKERS  
 DEGREE HOLDERS : UNDERGRADUATE = 570 GRADUATE = 511 TOTAL = 1081  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALLES	192	71	514.3	75.4	413	74	523.3	65.5	605	73	520.4	68.9
FEMALES	77	29	521.2	67.6	143	26	525.8	75.0	220	27	524.2	72.6
FOREIGN CENTERS	150	56	516.7	80.1	473	84	520.9	66.0	623	75	521.4	69.7
DOMESTIC CENTERS	120	44	514.3	64.9	88	16	529.6	78.4	208	25	520.8	71.3
FOREIGN REPORTS	30	11	521.3	74.3	27	5	550.5	57.3	57	7	535.1	68.4
DOMESTIC REPORTS	145	54	524.6	71.3	268	48	537.6	69.0	413	50	533.1	70.1
BOTH KINDS	3	1	515.7	54.6	16	3	530.1	52.2	19	2	527.8	52.8
NEITHER KIND	92	34	492.7	75.2	259	45	506.1	64.7	342	41	504.4	67.7
REPORTED REPEATERS	64	24	497.3	59.8	140	25	515.5	61.6	204	25	509.8	61.8
ACTUAL REPEATERS*	36	14	493.3	58.2	64	11	507.2	46.7	102	12	502.0	51.7
AGE**	244.		22.4	4.4	541.		28.6	4.9	805.		26.6	5.6
LANGUAGE:												
SPANISH	266.	98.5			554.	98.8			820.	98.7		
ARABIC	1.	0.4			4.	0.7			5.	0.6		

INDEX OF LINGUISTIC FRACTIONALIZATION : 0.029 0.025 0.026

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	270.	54.6	8.0	561.	53.1	8.0	831.	53.6	8.0
WRITING	270.	48.3	8.9	561.	49.2	8.2	831.	48.9	8.4
READING	270.	52.2	7.5	561.	54.9	6.5	831.	54.0	6.9
TOTAL	270.	515.7	73.7	561.	524.0	68.1	831.	521.3	70.1

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	31.	54.8	8.6	75.	54.5	8.0	36.	52.7	8.0	93.	53.0	7.6
WRITING	31.	52.4	10.7	75.	51.5	7.6	36.	47.3	8.3	93.	48.9	7.3
READING	31.	55.8	9.3	75.	56.1	6.3	36.	54.8	5.7	93.	55.0	6.2
TOTAL	31.	542.9	90.3	75.	540.5	62.4	36.	513.3	64.2	93.	523.2	61.4

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	36.	57.8	6.0	2.	59.5	2.5	288.	52.2	8.0
WRITING	36.	53.2	6.6	2.	55.0	3.0	288.	48.0	8.1
READING	36.	58.6	5.4	2.	57.0	3.0	288.	54.0	6.3
TOTAL	36.	565.4	53.7	2.	571.5	28.5	288.	513.7	67.7

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 2081; OF THESE 2079 ARE TEST TAKERS  
 PEOPLE SEENERS : UNDERGRADUATE = 1000 GRADUATE = 900 TOTAL = 1900  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	612	64	517.9	75.4	563	68	511.0	67.2	1205	66	514.7	71.8
FEMALES	369	36	520.5	72.0	259	32	511.3	72.7	623	34	516.7	72.4
FOREIGN CENTERS	525	52	535.3	74.1	575	70	514.9	71.1	1104	60	525.4	73.4
DOMESTIC CENTERS	479	48	499.6	69.0	247	30	502.2	62.8	726	40	499.8	67.0
FOREIGN REPORTS	223	2	529.8	73.2	34	4	507.6	72.2	57	3	516.5	73.4
DOMESTIC REPORTS	525	53	530.6	70.4	453	55	521.3	68.9	1039	57	526.6	69.9
BOTH KINDS	223	3	549.7	60.9	31	4	531.5	62.1	57	3	539.8	62.2
NEITHER KIND	323	37	497.0	75.8	304	37	494.1	65.8	677	37	495.7	71.5
REPORTED REPEATERS	225	21	497.2	61.2	202	25	521.2	63.0	410	23	508.8	63.3
ACTUAL REPEATERS*	107	11	494.2	53.3	57	11	498.1	47.4	194	11	495.9	50.7
AGE**	498		20.2	3.5	732		27.1	4.8	1715		23.2	5.4
LANGUAGES:												
SPANISH	979	97.1			812	98.8			1791	97.9		
UNKNOWN	17	1.7			4	0.5			21	1.1		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.056				0.024				0.042	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1003	55.3	7.8	822	52.2	7.9	1830	53.9	8.0
WRITING	1003	49.0	9.0	822	48.1	8.2	1830	48.6	8.6
READING	1003	51.6	7.6	822	53.1	6.9	1830	52.3	7.3
TOTAL	1003	518.6	74.2	822	511.1	69.0	1830	515.3	72.0

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	48	50.1	8.3	90	53.2	8.2	78	52.1	7.4	99	51.4	7.6
WRITING	48	47.5	8.9	90	49.8	8.3	78	47.6	8.4	99	48.2	7.0
READING	48	50.8	7.9	90	55.1	6.5	78	53.6	6.5	99	53.7	6.1
TOTAL	48	494.2	77.7	90	526.3	67.5	78	510.5	66.3	99	510.8	62.6
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	87	55.5	7.2	5	51.8	4.7	415	51.7	7.9			
WRITING	87	51.6	7.3	5	45.2	3.8	415	47.3	8.3			
READING	87	55.5	5.5	5	52.0	3.9	415	52.2	7.2			
TOTAL	87	542.1	59.2	5	496.6	32.2	415	503.6	69.9			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA.  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100% ENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 556; OF THESE 555 ARE TEST TAKERS  
 BECOME SELECTED : UNDERGRADUATE = 228 GRADUATE = 264 TOTAL = 492  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	159	70	515.4	75.7	202	77	521.0	71.9	361	73	518.5	73.7
FEMALES	69	30	533.8	75.5	62	23	535.6	75.7	131	27	534.6	75.6
FOREIGN CENTERS	160	70	531.3	74.2	235	8	526.7	72.6	395	80	528.6	73.3
DOMESTIC CENTERS	68	30	484.4	74.9	29	1	505.4	74.6	97	20	499.1	75.0
FOREIGN REPORTS	6	3	533.0	64.6	17	6	533.3	76.3	23	5	533.2	73.5
DOMESTIC REPORTS	109	48	529.0	69.9	114	43	538.1	70.6	223	45	533.7	70.4
BONKINDS	11	5	536.5	104.9	20	8	554.6	67.8	31	6	548.2	83.3
NEITHER KIND	100	45	509.9	77.9	113	43	503.8	70.6	215	44	506.7	74.2
REPORTED REPEATERS	33	14	533.5	62.9	53	20	507.2	62.1	86	17	507.7	62.4
ACTUAL REPEATERS*	17	7	502.3	56.5	24	9	499.0	53.3	41	8	500.3	54.7
ACTUAL	228.		500.1	73.2	264.		524.2	73.1	492.		522.8	74.5
LANGUAGES:												
SPANISH	224.	98.2			261.	9.9			485.	98.6		
UNKNOWN	3.	1.3			3.	1.1			6.	1.2		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.035				0.002				0.008	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	228.	55.7	7.9	264.	54.0	8.0	492.	54.8	8.0
WRITING	228.	48.9	9.3	264.	49.2	8.9	492.	49.1	9.1
READING	228.	51.7	7.4	264.	54.2	6.7	492.	53.0	7.2
TOTAL	228.	520.9	76.1	264.	524.4	73.1	492.	522.8	74.5

## SCORES BY FIELD

(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	12.	53.4	9.5	24.	56.5	7.0	28.	53.9	8.2	26.	55.2	6.9
WRITING	12.	54.9	10.0	24.	52.3	8.6	28.	48.1	8.5	26.	51.6	7.7
READING	12.	54.3	7.9	24.	56.1	5.8	28.	53.0	6.8	26.	57.1	4.8
TOTAL	12.	542.7	88.3	24.	549.8	64.9	28.	516.7	74.3	26.	546.5	60.2
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	24.	57.3	6.3	8.	59.0	4.4	142.	52.5	8.1			
WRITING	24.	51.5	8.7	8.	53.8	6.9	142.	47.3	8.6			
READING	24.	57.0	6.5	8.	57.8	6.0	142.	52.8	6.7			
TOTAL	24.	553.4	63.6	8.	568.4	55.6	142.	508.7	72.3			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 ED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 310; OF THESE 306 ARE TEST TAKERS

DEGREE SEEKERS : UNDERGRADUATE = 26 GRADUATE = 83 TOTAL = 169

THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	56	65	555.0	66.0	44	53	577.7	56.0	100	59	565.0	62.8
FEMALES	30	35	534.0	75.1	39	47	546.6	73.7	69	41	550.4	76.0
FOREIGN CENTERS	31	36	555.0	70.2	40	49	560.4	70.6	71	42	563.0	70.7
DOMESTIC CENTERS	55	64	543.0	62.5	43	52	576.3	59.4	98	58	557.6	67.3
FOREIGN REPORTS	0	0	0.0	0.0	1	1	613.0	0.0	1	1	613.0	0.0
DOMESTIC REPORTS	55	64	553.3	75.5	60	72	501.3	64.0	115	68	567.9	71.1
BOTH KINDS	3	3	555.7	42.5	0	0	0.0	0.0	3	2	555.7	42.5
NEITHER KIND	28	33	535.8	50.8	22	27	546.6	62.3	50	30	540.5	60.6
REPORTED REPEATERS	10	12	540.8	47.4	12	14	556.3	33.0	22	13	549.3	43.2
ACTUAL REPEATERS*	7	8	512.0	65.8	5	6	537.6	24.3	12	7	522.7	54.1
AGE**	82.		20.1	4.6	69.		27.5	7.8	150.		23.5	7.3
LANGUAGES:												
SPANISH	83.	96.5			83.	100.0			166.	98.2		
UNKNOWN	2.	2.3			0.	0.0			2.	1.2		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.068				0.0				0.035	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	86.	56.3	7.7	83.	52.8	6.0	169.	52.0	6.9
WRITING	86.	52.1	8.6	83.	53.6	9.0	169.	52.9	8.8
READING	86.	54.4	6.9	83.	53.6	6.7	169.	56.4	7.1
TOTAL	86.	547.7	70.0	83.	572.5	65.1	169.	559.8	68.8

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	9.	60.6	6.5	14.	60.4	3.8	9.	59.8	9.6	10.	59.2	4.7
WRITING	9.	54.7	7.7	14.	55.4	9.3	9.	53.1	12.0	10.	51.5	10.7
READING	9.	56.8	6.4	14.	61.4	4.6	9.	56.6	9.2	10.	60.9	5.1
TOTAL	9.	570.7	63.4	14.	590.6	51.5	9.	561.6	97.4	10.	569.0	57.6
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	12.	64.0	2.0	0.	0.0	0.0	29.	57.9	5.8			
WRITING	12.	59.8	4.6	0.	0.0	0.0	29.	50.7	7.2			
READING	12.	62.3	3.0	0.	0.0	0.0	29.	56.0	6.7			
TOTAL	12.	620.0	25.5	0.	0.0	0.0	29.	549.2	59.9			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: DOMINICA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.0

100 PER CENT SAMPLE OF RESIDENTS SELECTED FOR THIS COUNTRY = 312; OF THESE 312 ARE LIST TAKERS  
 DEGREE HOLDERS : UNDERGRADUATE = 111 GRADUATE = 115 TOTAL = 226  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	69	60	529.9	69.8	74	64	497.5	64.3	143	63	513.1	68.9
FEMALES	42	37	523.3	60.1	41	36	494.4	62.2	83	37	509.0	62.4
FOREIGN CENTERS	51	45	534.1	73.2	74	64	506.3	72.0	125	57	518.0	73.8
DOMESTIC CENTERS	57	51	521.0	74.1	41	36	478.5	65.9	98	44	503.2	73.8
FOREIGN REPORTS	7	6	565.3	89.1	10	9	514.1	76.8	17	8	535.2	85.9
DOMESTIC REPORTS	69	62	524.7	73.6	50	43	504.2	76.0	119	53	516.1	75.3
BOTH KINDS	10	9	563.6	43.8	8	7	531.4	42.0	18	8	549.3	45.9
NEITHER KIND	25	22	509.8	71.4	47	41	470.4	63.4	72	32	490.3	68.0
REPORTED REPEATERS	20	18	492.9	49.8	23	20	490.2	50.7	43	19	496.0	50.4
ACTUAL REPEATERS*	6	5	483.2	23.1	9	8	493.1	36.9	15	7	499.1	32.4
AGE**	111		19.8	3.3	104		25.8	4.1	215		22.7	4.8

LANGUAGES:												
SPANISH	111	100.0	SPANISH	115	100.0	SPANISH	226	100.0				

INDEX OF LINGUISTIC FRACTIONALIZATION : 0.0 0.0 0.0

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	111	56.3	7.1	115	51.4	7.3	226	53.8	7.6
WRITING	111	50.0	8.7	115	46.6	8.5	226	48.3	8.8
READING	111	52.2	7.8	115	51.0	7.5	226	51.6	7.7
TOTAL	111	527.4	73.9	115	496.4	71.2	226	511.6	74.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	3	51.3	10.7	15	53.7	7.6	12	54.0	6.7	23	50.4	6.4
WRITING	3	45.7	11.8	15	49.0	9.3	12	49.0	8.7	23	47.0	7.8
READING	3	51.3	7.0	15	51.2	7.2	12	54.1	8.6	23	52.0	6.5
TOTAL	3	501.0	94.2	15	512.6	75.8	12	519.8	74.8	23	498.4	62.5

	BUSINESS SCHOOL			LAW SCHOOL			OTHERS		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	7	51.9	7.3	1	64.0	0.0	54	50.3	7.0
WRITING	7	43.3	10.0	1	63.0	0.0	54	45.3	7.5
READING	7	49.6	9.0	1	59.0	0.0	54	49.8	7.3
TOTAL	7	482.1	83.9	1	10.0	0.0	54	485.1	85.2

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFYING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 620; OF THESE 61.7 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 337 GRADUATE = 213 TOTAL = 550  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

## CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	231	69	499.9	69.2	150	70	501.9	71.7	381	69	500.7	70.2
FEMALES	106	31	518.3	63.1	63	30	502.5	73.9	169	31	512.4	67.8
FOREIGN CENTERS	173	53	507.1	71.5	144	68	502.6	72.1	322	59	505.1	71.8
DOMESTIC CENTERS	159	47	504.0	63.5	69	32	501.1	72.9	228	41	503.2	66.6
FOREIGN REPORTS	3	1	529.7	110.9	3	4	545.9	44.8	11	2	542.5	69.7
DOMESTIC REPORTS	206	61	513.0	65.6	101	47	512.7	75.7	307	56	512.9	69.1
BOTH KINDS	10	3	518.3	72.7	13	6	525.3	76.6	23	4	522.3	75.0
NEITHER KIND	110	35	491.2	67.5	91	43	493.2	64.4	209	38	497.7	66.3
REPORTED REPEATERS	63	19	503.6	56.0	51	24	502.3	77.3	114	21	505.6	66.4
ACTUAL REPEATERS*	24	8	505.6	46.9	18	8	497.9	55.1	44	8	502.5	50.6
AGE**	333.		20.2	3.3	176.		23.4	5.4	509.		23.0	5.7
LANGUAGES:												
SPANISH	334.	99.1			209.	98.1			543.	98.7		
UNKNOWN	3.	0.9			4.	1.9			7.	1.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.018				0.037				0.025	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	337.	54.3	7.2	213.	51.8	7.9	550.	53.3	7.6
WRITING	337.	47.0	8.2	213.	47.2	8.6	550.	47.0	8.4
READING	337.	50.6	7.3	213.	51.6	7.7	550.	51.0	7.5
TOTAL	337.	505.7	67.9	213.	502.1	72.4	550.	504.3	69.7

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	12.	52.6	8.8	12.	54.9	7.3	14.	46.6	8.9	27.	52.4	6.8
WRITING	12.	51.3	9.5	12.	49.8	10.2	14.	44.1	6.7	27.	50.5	5.5
READING	12.	50.7	10.2	12.	50.8	10.3	14.	49.9	5.7	27.	54.9	4.9
TOTAL	12.	515.2	91.4	12.	521.6	87.3	14.	469.6	60.8	27.	526.6	47.4
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	11.	53.5	8.7	1.	39.0	0.0	136.	51.8	7.7			
WRITING	11.	49.9	9.8	1.	43.0	0.0	136.	46.1	8.6			
READING	11.	54.4	7.4	1.	41.0	0.0	136.	51.1	7.6			
TOTAL	11.	527.3	79.5	1.	410.0	0.0	136.	495.3	70.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: ELSALVAD WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.007

100 PER CENT SAMPLE OF RESIDENTS SELECTED FOR THIS COUNTRY N = 657; OF THESE 657 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 420 GRADUATE = 150 TOTAL = 570  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL - TOTAL SCORE):

	UNDERGRADUATES					GRADUATES				TOTAL			
	N	%	MEAN	S.D.		N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	247	59	517.7	68.2		97	65	515.3	75.0	344	60	517.0	70.2
FEMALES	173	41	527.7	69.5		53	35	525.5	63.0	226	40	522.5	68.7
FOREIGN CENTERS	247	59	533.2	70.9		85	57	525.8	68.5	332	58	531.3	70.4
DOMESTIC CENTERS	173	41	525.5	68.4		65	43	493.6	70.4	238	42	502.3	64.9
FOREIGN REPORTS	6	1	425.2	41.2		7	5	497.7	63.5	13	2	493.3	54.6
DOMESTIC REPORTS	249	59	531.7	69.3		69	46	504.5	72.4	318	56	530.1	69.2
BOTH KINDS	10	2	553.4	78.8		1	1	470.0	0.0	11	2	550.4	79.3
NEITHER KIND	155	37	504.9	65.9		73	49	501.8	69.0	228	40	503.9	66.9
REPORTED REPEATERS	94	22	501.0	56.2		46	31	523.3	72.9	140	25	508.3	63.0
ACTUAL REPEATERS*	42	10	455.3	51.1		17	11	515.5	39.3	59	10	501.8	48.8
AGE**	410		20.1	3.1		95		26.8	5.0	505		21.3	4.4
LANGUAGES:													
SPANISH	410	99.5				150	100.0			548	99.6		
ENGLISH	1	0.2				0	0.0			1	0.2		
INDEX OF LINGUISTIC FRACTIONALIZATION:			0.009					0.0				0.007	

TOEFL SCORES	UNDERGRADUATES				GRADUATES			TOTAL		
	N	MEAN	S.D.		N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	420	55.1	6.9		150	53.4	7.4	570	54.6	7.1
WRITING	420	49.7	8.6		150	48.6	8.0	570	49.4	8.5
READING	420	52.0	7.0		150	52.0	7.8	570	52.0	7.2
TOTAL	420	521.8	68.9		150	511.9	71.1	570	519.2	69.6

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	6	54.0	5.5	10	53.2	8.4	12	51.0	7.7	19	51.2	9.4
WRITING	6	49.7	4.9	10	49.1	9.4	12	47.1	8.5	19	49.4	8.5
READING	6	53.2	5.3	10	53.6	7.8	12	52.7	8.0	19	52.5	7.7
TOTAL	6	523.0	42.9	10	519.1	80.5	12	502.6	73.6	19	503.3	78.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	17	57.5	7.3	0	0.0	0.0	86	53.4	6.4			
WRITING	17	52.4	6.8	0	0.0	0.0	86	47.8	7.7			
READING	17	56.8	6.4	0	0.0	0.0	86	50.7	7.7			
TOTAL	17	559.6	64.4	0	0.0	0.0	86	504.8	67.3			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

10 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 406; OF THESE 406 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 161 GRADUATE = 129 TOTAL = 290  
 THIS FORM USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	101	63	527.0	67.4	97	75	530.6	61.6	198	68	528.7	64.7
FEMALES	60	37	540.1	73.6	32	25	535.2	61.2	92	32	538.4	69.6
FOREIGN REPORTS	94	53	543.7	66.6	99	77	532.8	59.9	193	67	540.5	63.3
DOMESTIC REPORTS	67	42	508.2	68.0	30	23	528.2	69.3	97	33	514.4	69.0
FOREIGN REPORTS	6	4	560.5	36.3	4	3	520.7	26.1	10	3	544.6	38.0
DOMESTIC REPORTS	83	52	540.7	71.1	45	35	542.8	61.9	128	44	541.5	69.0
BOTH KINDS	4	2	525.0	69.2	4	3	549.7	38.0	8	3	537.4	57.2
NEITHER KIND	68	42	518.9	68.7	76	59	524.8	62.4	144	50	522.0	65.5
REPORTED REPEATERS	25	16	513.4	58.0	25	19	530.8	61.3	50	17	522.1	60.3
ACTUAL REPEATERS*	14	9	503.4	48.2	10	8	512.5	47.0	24	8	507.2	48.0
AGE**	157.		19.9	2.9	93.		26.4	5.0	255.		22.4	5.0
LANGUAGES:												
SPANISH	141.	100.0			SPANISH	127.	99.4		SPANISH	268.	99.3	
ARABIC	0.	0.0			ARABIC	1.	0.8		ARABIC	1.	0.3	
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.0					0.031				0.014

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	161.	55.4	7.5	129.	55.0	6.7	290.	55.3	7.2
WRITING	161.	50.5	8.7	129.	49.9	8.2	290.	50.3	8.5
READING	161.	53.1	6.8	129.	54.6	6.2	290.	53.7	6.6
TOTAL	161.	531.8	70.1	129.	531.7	61.5	290.	531.8	66.4

## SCORES BY FIELD

(GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	3.	52.0	5.7	4.	58.5	3.4	9.	52.8	5.7	19.	53.5	7.3
WRITING	3.	57.7	4.5	4.	52.0	2.1	9.	45.2	7.2	19.	50.3	6.5
READING	3.	57.7	3.7	4.	60.0	1.2	9.	52.0	5.1	19.	57.2	5.2
TOTAL	3.	557.7	42.2	4.	568.2	22.1	9.	496.6	53.5	19.	537.2	57.3
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	11.	60.6	3.1	0.	0.0	0.0	83.	54.7	6.8			
WRITING	11.	54.8	8.0	0.	0.0	0.0	83.	49.3	8.4			
READING	11.	57.5	5.6	0.	0.0	0.0	83.	53.6	6.2			
TOTAL	11.	576.4	51.9	0.	0.0	0.0	83.	525.7	62.0			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 51; OF THESE 51 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 33 GRADUATE = 7 TOTAL = 40  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

## CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	19	58	577.3	57.9	5	71	552.0	55.0	24	60	572.0	58.3
FEMALES	14	42	590.3	44.3	2	29	653.5	3.5	16	40	599.9	46.1
FOREIGN CENTERS	28	85	584.8	51.5	5	71	585.4	74.1	33	82	584.9	55.5
DOMESTIC CENTERS	5	15	577.4	60.6	2	29	570.0	33.0	7	17	575.3	54.3
FOREIGN REPORTS	3	9	549.0	37.0	1	14	470.0	0.0	4	10	529.2	46.9
DOMESTIC REPORTS	23	70	588.3	55.5	4	57	614.2	51.9	27	67	592.1	55.7
BOTH KINDS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
NEITHER KIND	7	21	583.4	44.7	2	29	570.0	33.0	9	22	580.4	42.8
REPORTED REPEATERS	0	0	0.0	0.0	1	14	657.0	0.0	1	2	657.0	0.0
ACTUAL REPEATERS*	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
AGE**	33.		21.3	4.9	5.		29.4	5.0	38.		22.3	5.6
LANGUAGES:												
ENGLISH	32.	97.0			6.	85.7			38.	95.0		
UNKNOWN	1.	3.0			1.	14.3			1.	2.5		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.059				0.245				0.096	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	33.	58.9	4.9	7.	59.9	5.1	40.	59.1	4.9
WRITING	33.	58.1	6.1	7.	56.3	8.4	40.	57.8	6.6
READING	33.	58.0	6.5	7.	58.1	6.8	40.	58.0	6.6
TOTAL	33.	583.7	53.1	7.	581.0	65.4	40.	583.2	55.4

SCORES BY FIELD  
(GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	50.0	0.0	3.	64.0	2.8	1.	59.0	0.0	0.	0.0	0.0
WRITING	1.	43.0	0.0	3.	64.0	1.4	1.	49.0	0.0	0.	0.0	0.0
READING	1.	48.0	0.0	3.	65.0	0.8	1.	50.0	0.0	0.	0.0	0.0
TOTAL	1.	470.0	0.0	3.	643.3	14.7	1.	527.0	0.0	0.	0.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	0.	0.0	0.0	0.	0.0	0.0	2.	59.0	2.0			
WRITING	0.	0.0	0.0	0.	0.0	0.0	2.	55.0	6.0			
READING	0.	0.0	0.0	0.	0.0	0.0	2.	57.0	2.0			
TOTAL	0.	0.0	0.0	0.	0.0	0.0	2.	570.0	33.0			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 529; OF THESE 527 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 105 GRADUATE = 125 TOTAL = 310  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	112	61	491.2	71.3	80	64	493.3	74.9	192	62	486.2	73.0
FEMALES	73	39	513.2	78.7	45	36	505.1	83.9	118	38	510.1	80.8
FOREIGN CENTERS	95	51	484.2	80.6	74	59	483.6	75.1	169	55	484.0	78.3
DOMESTIC CENTERS	90	49	503.9	69.2	51	41	517.8	78.8	141	45	508.9	73.1
FOREIGN REPORTS	6	3	427.0	61.5	7	6	493.9	75.7	13	4	463.0	77.1
DOMESTIC REPORTS	126	68	500.2	73.8	77	62	509.8	80.0	203	65	503.8	76.4
BOTH KINDS	9	5	522.2	102.2	6	5	460.2	75.6	15	5	497.4	97.3
NEITHER KIND	44	24	479.8	69.8	35	28	477.9	69.5	79	25	478.4	69.7
REPORTED REPEATERS	22	12	493.7	65.4	23	18	512.3	69.7	45	15	503.2	68.3
ACTUAL REPEATERS*	7	4	520.0	25.3	7	6	510.0	49.7	14	5	515.0	39.7
AGE**	180.		21.6	4.6	116.		27.8	6.8	296.		24.0	6.3
LANGUAGES:												
FRENCH	179.	96.8			FRENCH	123.	98.4		FRENCH	302.	97.4	
UNKNOWN	3.	1.6			UNKNOWN	2.	1.6		UNKNOWN	5.	1.6	
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.063					0.031				0.051

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	185.	51.2	8.8	125.	49.6	8.4	310.	50.6	8.7
WRITING	185.	47.7	8.5	125.	49.1	8.9	310.	48.3	8.7
READING	185.	49.3	8.1	125.	50.8	8.5	310.	49.9	8.3
TOTAL	185.	493.2	75.9	125.	497.6	78.5	310.	495.3	77.0

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	7.	55.4	5.9	18.	51.4	9.1	17.	47.9	8.5	12.	47.8	8.5
WRITING	7.	54.6	5.8	18.	52.2	8.7	17.	48.0	10.1	12.	49.8	6.5
READING	7.	54.7	6.7	18.	53.3	9.2	17.	49.1	7.5	12.	51.3	5.5
TOTAL	7.	549.0	57.8	18.	518.7	82.0	17.	484.6	78.2	12.	496.4	61.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	15.	53.0	8.9	3.	49.0	6.7	53.	49.2	7.6			
WRITING	15.	51.7	10.6	3.	52.3	10.0	53.	46.5	7.7			
READING	15.	55.4	9.3	3.	52.3	5.9	53.	48.5	8.2			
TOTAL	15.	533.7	93.1	3.	512.3	74.9	53.	476.9	69.6			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 437; OF THESE 437 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 293 GRADUATE = 106 TOTAL = 399  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	148	51	514.5	72.7	72	68	494.4	75.2	220	55	507.9	74.1
FEMALES	145	49	535.4	73.5	34	32	527.1	68.3	179	45	534.7	72.6
FOREIGN CENTERS	167	57	552.5	66.6	52	49	517.9	76.1	219	55	544.3	70.5
DOMESTIC CENTERS	126	43	489.4	67.5	54	51	492.4	71.0	180	45	490.3	68.5
FOREIGN REPORTS	7	2	531.6	37.3	9	8	489.3	63.8	16	4	529.7	70.7
DOMESTIC REPORTS	167	57	531.5	74.6	49	46	525.3	78.5	216	54	530.1	75.6
BOTH KINDS	30	10	565.9	53.7	4	4	505.7	90.2	34	9	558.8	66.2
NEITHER KIND	29	30	485.8	67.3	44	42	485.2	63.8	133	33	492.3	66.3
REPORTED REPEATERS	71	24	499.9	62.2	28	26	494.0	62.8	99	25	498.2	62.5
ACTUAL REPEATERS*	39	13	487.3	58.6	11	10	474.2	54.6	50	13	484.4	58.0
AGE**	286.		19.7	3.3	88.		28.4	5.5	374.		21.8	5.4
LANGUAGES:												
SPANISH	287.	98.0			SPANISH	106.	100.0		SPANISH	393.	98.5	
CHINESE	3.	1.0			ENGLISH	0.	0.0		CHINESE	3.	0.8	
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.040					0.0				0.030

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	293.	55.4	7.5	106.	52.7	8.4	399.	54.7	7.9
WRITING	293.	49.8	9.0	106.	47.3	9.2	399.	49.2	9.1
READING	293.	52.6	7.3	106.	51.8	7.1	399.	52.4	7.2
TOTAL	293.	525.3	73.9	106.	504.9	74.6	399.	519.9	74.7

SCORES BY FIELD  
 (GRADUATES ONLY)

	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	4.	55.0	10.0	9.	53.8	8.4	13.	49.5	10.2	7.	52.0	6.3
WRITING	4.	48.5	8.0	9.	49.8	10.8	13.	45.8	10.4	7.	44.0	9.0
READING	4.	51.3	10.2	9.	51.2	7.1	13.	50.9	7.8	7.	51.1	4.8
TOTAL	4.	515.7	69.6	9.	509.0	77.0	13.	488.2	88.7	7.	491.1	64.2
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	14.	58.4	7.1	0.	0.0	0.0	59.	51.7	7.6			
WRITING	14.	53.4	8.0	0.	0.0	0.0	59.	46.1	8.2			
READING	14.	57.4	5.2	0.	0.0	0.0	59.	50.9	6.7			
TOTAL	14.	561.0	62.6	0.	0.0	0.0	59.	485.5	66.9			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REG  
DEGREE SEEKERS : UNDERGRADU  
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100 PER CENT SAMPLE OF REG  
DEGREE SEEKERS : UNDERGRADU  
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CHARACTERISTICS OF THE SAMPLE (

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	N	%
MALES	638	67
FEMALES	313	33
FOREIGN CENTERS	454	48

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DEGREE SEEKERS : UNDERGRAD  
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100 PER CENT SAMPLE OF REG  
DEGREE SEEKERS : UNDERGRAD  
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100 PERCENT SAMPLE OF 100 RECOGNIZED  
DEGREE SEEKERS : UNDERGRADUATE  
THIS RUN USES THIS LAST 1 TO

53

CHARACTERISTICS OF THE 100 SAMPLE

COUNTRY IS: PERU WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.035

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 1309; OF THESE 1307 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 613 GRADUATE = 459 TOTAL = 1072  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	373	61	519.2	72.9	337	73	502.6	76.7	710	66	511.4	75.2
FEMALES	238	39	529.9	68.4	122	27	529.9	72.1	360	34	529.9	69.7
FOREIGN CENTERS	434	71	525.2	73.3	365	80	508.2	78.3	799	75	517.4	76.1
DOMESTIC CENTERS	179	29	517.5	67.3	94	20	516.4	68.4	273	25	517.1	67.7
FOREIGN REPORTS	39	6	574.4	55.1	24	5	540.2	59.5	63	6	561.4	59.2
DOMESTIC REPORTS	301	49	528.2	72.7	226	49	519.6	77.0	527	49	524.5	74.7
BOTH KINDS	35	6	545.6	64.4	36	8	516.8	73.1	71	7	531.0	70.4
NEITHER KIND	238	39	504.5	67.5	173	38	491.5	74.6	411	38	499.0	70.9
REPORTED REPEATERS	85	14	504.7	68.6	135	29	503.0	75.8	220	21	503.6	73.1
ACTUAL REPEATERS*	35	6	498.5	52.7	50	11	487.1	55.1	85	8	491.8	54.4
AGE**	601.		20.4	4.0	422.		28.0	5.3	1023.		23.5	5.9
LANGUAGES:												
SPANISH	597.	97.4			456.	99.3			1053.	98.2		
UNKNOWN	8.	1.3			2.	0.4			8.	0.7		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.051				0.013				0.035	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	613.	55.3	7.3	459.	52.2	8.9	1072.	54.0	8.2
WRITING	613.	49.5	8.7	459.	47.8	8.6	1072.	48.8	8.7
READING	613.	52.3	7.4	459.	53.0	7.5	1072.	52.6	7.5
TOTAL	613.	522.9	71.7	459.	509.9	76.5	1072.	517.4	74.1

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	24.	54.1	8.9	33.	54.3	8.3	23.	53.3	8.0	71.	47.5	9.0
WRITING	24.	48.1	11.0	33.	48.8	9.7	23.	46.4	7.8	71.	45.4	8.9
READING	24.	52.8	9.1	33.	54.8	7.0	23.	52.5	5.7	71.	50.8	8.0
TOTAL	24.	517.1	88.0	33.	526.1	77.5	23.	507.5	64.5	71.	479.0	80.4
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	48.	58.1	5.5	7.	57.4	6.1	253.	51.7	8.8			
WRITING	48.	51.6	6.4	7.	56.3	4.5	253.	47.5	8.2			
READING	48.	56.2	5.1	7.	59.9	3.3	253.	52.7	7.6			
TOTAL	48.	552.5	47.8	7.	578.4	38.1	253.	506.0	75.0			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: PUERTO R WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0. 038

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 859; OF THESE 856 ARE TEST TAKERS.  
DEGREE SEEKERS : UNDERGRADUATE = 345 GRADUATE = 432 TOTAL = 777  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	187	54	529.9	82.6	197	46	542.6	69.6	384	49	536.5	76.5
FEMALES	150	46	522.7	71.7	235	54	537.4	75.1	383	51	531.5	74.1
FOREIGN CENTERS	134	39	523.5	82.4	195	45	543.6	76.1	329	42	535.4	79.3
DOMESTIC CENTERS	211	61	528.6	74.8	237	55	536.7	69.5	448	58	532.9	72.2
FOREIGN REPORTS	3	1	534.3	50.6	4	1	489.0	104.2	7	1	503.4	88.3
DOMESTIC REPORTS	278	81	530.5	78.7	343	79	543.0	72.1	621	80	537.4	75.4
BOTH KINDS	16	5	536.7	60.2	17	4	541.1	68.8	33	4	539.0	64.8
NEITHER KIND	48	14	500.2	74.2	68	16	526.1	71.7	116	15	515.4	73.9
REPORTED REPEATERS	18	5	487.4	74.8	19	4	514.7	47.9	37	5	501.4	63.9
ACTUAL REPEATERS*	7	2	469.1	74.4	6	1	491.8	37.6	13	2	479.6	61.3
AGE**	337.		18.9	2.9	382.		24.8	4.5	719.		22.0	4.8
LANGUAGES:												
SPANISH	337.	97.7			425.	98.4			762.	98.1		
UNKNOWN	2.	0.6			4.	0.9			6.	0.8		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.046				0.032				0.038	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	345.	55.5	7.9	432.	55.5	7.4	777.	55.5	7.6
WRITING	345.	49.4	9.4	432.	50.9	8.8	777.	50.2	9.1
READING	345.	53.1	7.9	432.	55.6	7.4	777.	54.5	7.7
TOTAL	345.	526.6	77.9	432.	539.8	72.7	777.	533.9	75.3

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	34.	57.1	6.9	128.	55.9	7.6	69.	55.1	7.6	46.	54.4	7.2
WRITING	34.	52.7	8.2	128.	51.5	9.5	69.	51.5	8.6	46.	51.1	6.8
READING	34.	56.6	6.5	128.	56.6	7.6	69.	56.4	7.2	46.	56.7	6.1
TOTAL	34.	554.8	67.8	128.	546.7	76.4	69.	543.0	72.1	46.	540.3	59.9
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	38.	55.3	7.1	10.	59.0	7.2	107.	55.0	7.2			
WRITING	38.	51.2	8.1	10.	52.9	9.8	107.	48.8	8.8			
READING	38.	55.1	6.6	10.	58.1	7.0	107.	53.0	7.7			
TOTAL	38.	538.3	66.8	10.	566.6	75.1	107.	522.6	73.3			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REGISTRANT  
 DEGREE SEEKERS : UNDERGRADUATE =  
 THIS RUN USES THIS LAST TOTAL AS

CHARACTERISTICS OF THE SAMPLE (N)

UNDERGRA

	N	%	
MALES	40	63	53
FEMALES	23	37	54
FOREIGN CENTERS	45	71	58

100 PER CENT SAMPLE OF RE  
DEGREE SEEKERS : UNDERGRA  
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100 PER CENT SAMPLE OF RE  
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COUNTRY IS: USA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.823

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 344; OF THESE 341 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 216 GRADUATE = 65 TOTAL = 281  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	114	53	567.9	68.2	40	62	529.2	90.8	154	55	557.9	76.6
FEMALES	102	47	577.4	62.7	25	38	546.8	89.5	127	45	571.4	69.9
FOREIGN CENTERS	159	73	572.4	69.4	48	74	532.8	92.1	206	73	563.2	77.2
DOMESTIC CENTERS	58	27	572.4	54.9	17	26	545.1	85.8	75	27	564.2	64.3
FOREIGN REPORTS	5	2	570.6	59.9	3	5	577.7	22.3	8	3	585.7	48.9
DOMESTIC REPORTS	143	66	576.6	64.7	32	49	527.5	88.9	175	62	567.7	72.3
BOTH KINDS	10	5	578.7	54.3	3	5	617.7	27.1	13	5	587.7	52.1
NEITHER KIND	58	27	559.3	69.1	27	42	532.3	96.2	85	30	550.7	79.7
REPORTED REPEATERS	21	10	507.4	77.7	12	18	506.7	70.5	33	12	507.1	75.2
ACTUAL REPEATERS*	12	6	508.2	85.1	3	5	506.7	19.0	15	5	507.9	76.6
AGE**	215.		18.7	2.0	27.		25.3	5.1	252.		19.7	3.6
LANGUAGES:												
SPANISH	72.	33.3			22.	33.8			94.	33.5		
ENGLISH	42.	19.4			17.	26.2			59.	21.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.828					0.792				0.823

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	216.	60.1	6.2	65.	56.8	7.8	281.	59.4	6.8
WRITING	216.	55.8	7.7	65.	51.5	10.6	281.	54.8	8.6
READING	216.	55.8	7.2	65.	52.5	10.0	281.	55.0	8.1
TOTAL	216.	572.4	65.8	65.	536.0	90.7	281.	564.0	74.0

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	4.	56.8	6.2	6.	53.2	5.8	15.	54.7	7.1
WRITING	0.	0.0	0.0	4.	56.3	8.2	6.	48.3	9.0	15.	48.1	9.0
READING	0.	0.0	0.0	4.	57.8	5.8	6.	49.0	9.0	15.	51.0	8.6
TOTAL	0.	0.0	0.0	4.	569.0	64.3	6.	501.7	77.9	15.	512.9	76.1
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	4.	62.0	4.3	3.	63.7	4.0	33.	57.1	8.5			
WRITING	4.	58.8	9.9	3.	61.3	6.6	33.	51.2	10.9			
READING	4.	61.0	5.8	3.	61.7	4.8	33.	51.3	10.7			
TOTAL	4.	605.7	65.3	3.	622.3	51.2	33.	532.4	96.6			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF RE  
DEGREE SEEKERS : UNDERGRA  
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# Section

ASIA-TOTAL (1174



# ASIAN COUNTRIES, CONTINUED

MEAN TOEFL TOTAL SCORES FOR DEMOGRAPHIC GROUPS BY REGION AND COUNTRY:  
UNDERGRADUATE AND GRADUATE DEGREE SEEKERS  
INTERNATIONAL AND SPECIAL TESTING PROGRAMS ONLY

1977-78 & 1978-79

REGION AND COUNTRY	NO. OF DEGREE SEEKERS	DEGREE SEEKERS			SEX		TEST CENTER		SELF-REPORTED REPEATERS	SCORE REPORT PATTERN**			
		U.G.	GRAD.	TOTAL	MEN	WOMEN	FOREIGN	U. S.-CANADA		FOR.	U.S.	BOTH	NONI
ASIA-TOTAL	(117486)	513	518	516	516	516	516	514	509	520	535	541	499
AFGHANISTAN	( 169)	464	474	470	467	483	470	470	482	473	472	512	451
BANGLADESH	( 1005)	516	509	512	508	552	511	526	513	515	526	544	497
BURMA	( 194)	498	509	502	504	499	504	498	487	475(*)	521	534(*)	484
CHINA (TAIWAN)	( 30731)	490	514	509	510	509	509	513	509	495	535	538	494
HONG KONG	( 21395)	519	505	515	513	519	509	530	520	541	533	543	505
INDIA	( 13704)	538	556	553	550	570	555	538	528	545	561	570	530
INDONESIA	( 3508)	491	477	484	481	493	482	493	490	493	495	500	476
JAPAN	( 12338)	472	504	488	485	493	493	477	495	499	498	521	478
KOREA	( 7475)	494	513	507	510	500	508	506	512	501	519	524	494
MACAO	( 485)	513	495	507	500	516	502	533	512	499	534	508	504
MALAYSIA	( 7154)	558	559	559	554	571	563	546	538	567	574	575	545
NEPAL	( 186)	527	522	523	528	500	525	498(*)	504	576(*)	532	560(*)	511
PAKISTAN	( 3833)	518	524	521	518	550	521	523	513	503	538	530	504
PHILIPPINES	( 2662)	560	594	580	580	580	587	563	559	566	586	584	566
SINGAPORE	( 1836)	568	567	568	568	569	569	553	527	578	593	580	549
SRI LANKA	( 649)	568	555	560	556	573	559	571	546	522	575	565	547
THAILAND	( 8176)	464	472	471	467	475	469	478	480	481	488	494	459
VIETNAM	( 1719)	502	505	503	503	504	510	502	502	520	508	526	489
OTHER	( 267)	511	520	514	519	504	539	493	512	539	517	555(*)	498
ALL CONTINENTS	(235736)	499	511	505	502	513	512	488	496	514	526	534	486

EXCEPT FOR "NO. OF DEGREE SEEKERS" (ON WHICH THE TABLE IS BASED) ALL NUMBERS ARE MEANS. MEANS BASED ON N'S LESS THAN 15 ARE FOLLOWED BY "(\*)". WHEN THE NUMBER OF CASES IS 0 "----" IS SUBSTITUTED FOR THE MEAN.

\*\*FOR. = EMBASSY, AGENCY, FOUNDATION, FOREIGN HIGHER INSTITUTION; U.S. = U.S. COLLEGE OR UNIVERSITY.

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100 PER CENT SAMPLE OF REGI  
DEGREE SEEKERS : UNDERGRADU  
THIS RUN USES THIS LAST TOT

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COUNTRY IS: BANGLADE WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.168

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 1106; OF THESE 1106 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 438 GRADUATE = 567 TOTAL = 1005  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	389	89	507.8	74.8	509	90	507.4	67.8	898	89	507.5	70.9
FEMALES	48	11	580.9	65.0	58	10	527.4	63.9	106	11	551.6	69.7
FOREIGN CENTERS	379	87	515.5	78.1	534	94	507.2	67.7	913	91	510.7	72.3
DOMESTIC CENTERS	59	13	515.1	73.6	33	6	545.5	55.6	92	9	526.0	69.2
FOREIGN REPORTS	6	1	527.3	101.4	26	5	512.7	56.9	32	3	515.4	67.8
DOMESTIC REPORTS	185	42	533.1	79.1	234	41	521.0	70.4	419	42	526.4	74.6
BOTH KINDS	13	3	523.7	74.9	41	7	550.0	51.2	54	5	543.7	58.9
NEITHER KIND	234	53	500.8	72.4	266	47	492.7	63.5	500	50	496.5	67.9
REPORTED REPEATERS	64	15	501.2	69.9	115	20	519.0	60.9	179	18	512.6	64.8
ACTUAL REPEATERS*	17	4	485.5	67.8	42	7	507.5	48.8	59	6	501.2	55.9
AGE**	423.		20.3	3.1	545.		26.7	3.8	968.		23.9	4.8
LANGUAGES:												
BENGALI	384.	87.7		BENGALI	530.	93.5		BENGALI	914.	90.0		
UNKNOWN	31.	7.1		UNKNOWN	36.	6.3		UNKNOWN	67.	6.7		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.226					0.122				0.168

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	438.	52.2	8.2	567.	48.2	7.8	1005.	49.9	8.2
WRITING	438.	50.5	8.6	567.	50.7	7.6	1005.	50.6	8.1
READING	438.	52.0	8.2	567.	53.9	7.1	1005.	53.1	7.6
TOTAL	438.	515.5	77.5	567.	509.4	67.7	1005.	512.1	72.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	16.	50.4	9.6	40.	49.1	7.3	27.	49.0	7.3	147.	49.4	8.5
WRITING	16.	54.1	6.8	40.	52.6	6.7	27.	50.4	6.1	147.	52.5	6.8
READING	16.	55.7	6.5	40.	55.8	6.8	27.	54.0	5.5	147.	55.5	6.6
TOTAL	16.	537.1	69.2	40.	525.2	62.7	27.	511.8	57.8	147.	524.5	66.4
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	37.	51.3	8.2	2.	48.5	10.5	298.	46.9	7.1			
WRITING	37.	51.5	10.5	2.	45.5	15.5	298.	49.4	7.5			
READING	37.	55.1	8.6	2.	52.0	10.0	298.	52.6	7.0			
TOTAL	37.	526.2	85.1	2.	487.0	120.0	298.	496.2	63.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: PHUTAN WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.766

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 19; OF THESE 19 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 6 GRADUATE = 10 TOTAL = 16  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	3	50	584.3	22.9	8	80	471.6	71.3	11	69	502.4	79.7
FEMALES	3	50	485.7	84.5	2	20	582.0	15.0	5	31	524.2	81.2
FOREIGN CENTERS	4	67	530.0	90.4	9	90	510.4	62.7	13	81	516.5	72.9
DOMESTIC CENTERS	2	33	545.0	48.0	1	10	343.0	0.0	3	19	477.7	103.0
FOREIGN REPORTS	1	17	377.0	0.0	2	20	453.5	43.5	3	19	428.0	50.6
DOMESTIC REPORTS	4	67	584.0	19.8	1	10	533.0	0.0	5	31	573.8	27.0
BOTH KINDS	0	0	0.0	0.0	2	20	542.0	25.0	2	13	542.0	25.0
NEITHER KIND	1	17	497.0	0.0	5	50	482.6	95.4	6	38	485.0	87.2
REPORTED REPEATERS	1	17	497.0	0.0	4	40	506.0	44.4	5	31	504.2	39.9
ACTUAL REPEATERS*	0	0	0.0	0.0	1	10	497.0	0.0	1	6	497.0	0.0
AGE**	6.		21.3	2.8	10.		26.1	3.9	16.		24.3	4.3
LANGUAGES:												
UNKNOWN	3.	50.0			5.	50.0			6.	37.5		
CAMBODIA	1.	16.7			2.	20.0			4.	25.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.667				0.680				0.766	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	6.	53.2	7.9	10.	48.7	7.5	16.	50.4	8.0
WRITING	6.	53.5	9.0	10.	48.3	9.8	16.	50.3	9.8
READING	6.	53.8	8.2	10.	51.1	7.4	16.	52.1	7.8
TOTAL	6.	535.0	79.1	10.	493.7	77.8	16.	509.2	80.8

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	55.0	0.0	1.	49.0	0.0	0.	0.0	0.0	0.	0.0	0.0
WRITING	1.	58.0	0.0	1.	55.0	0.0	0.	0.0	0.0	0.	0.0	0.0
READING	1.	57.0	0.0	1.	56.0	0.0	0.	0.0	0.0	0.	0.0	0.0
TOTAL	1.	567.0	0.0	1.	533.0	0.0	0.	0.0	0.0	0.	0.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	0.	0.0	0.0	0.	0.0	0.0	8.	47.9	8.0			
WRITING	0.	0.0	0.0	0.	0.0	0.0	8.	46.3	9.9			
READING	0.	0.0	0.0	0.	0.0	0.0	8.	49.8	7.8			
TOTAL	0.	0.0	0.0	0.	0.0	0.0	8.	479.6	80.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

100 PER CENT SAMPLE OF REG  
DEGREE SEEKERS : UNDERGRAD  
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100 PER CENT SAMPLE OF REG  
DEGREE SEEKERS : UNDERGRAD  
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100 PER CENT SAMPLE OF REGI  
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MALES

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COUNTRY IS: INDONESIA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.244

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 4204; OF THESE 4197 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 1760 GRADUATE = 1748 TOTAL = 3508  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	1201	68	489.0	66.4	1390	80	474.1	61.7	2591	74	481.0	64.3
FEMALES	559	32	496.5	63.6	358	20	487.6	62.7	917	26	493.1	63.4
FOREIGN CENTERS	1100	63	489.9	67.8	1608	92	476.0	61.9	2708	77	481.6	64.7
DOMESTIC CENTERS	660	38	494.0	61.6	140	8	486.7	63.7	800	23	492.6	62.1
FOREIGN REPORTS	124	7	515.0	72.2	158	9	475.5	57.6	282	8	492.9	67.4
DOMESTIC REPORTS	535	30	501.2	64.5	456	26	488.5	64.7	991	28	495.4	64.9
BOTH KINDS	75	4	504.8	77.8	108	6	497.0	64.2	183	5	500.2	70.2
NEITHER KIND	1026	58	482.5	62.7	1026	59	469.8	60.2	2052	58	476.1	61.8
REPORTED REPEATERS	740	42	495.9	56.2	688	39	482.6	55.8	1428	41	490.0	56.4
ACTUAL REPEATERS*	464	26	493.6	53.7	343	20	477.8	50.2	807	23	486.9	52.9
AGE**	1735.		20.5	3.3	1512.		30.6	6.5	3267.		26.2	7.9
LANGUAGES:												
INDONESIA	1592.	90.5		INDONESIA	1452.	83.1		INDONESIA	3044.	86.8		
CHINESE	83.	4.7		JAVANESE	100.	5.7		JAVANESE	115.	3.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.179					0.304			
												0.244

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1760.	52.0	7.0	1748.	48.4	6.9	3508.	50.2	7.2
WRITING	1760.	47.3	7.6	1748.	46.3	7.3	3508.	46.8	7.4
READING	1760.	48.3	7.3	1748.	48.3	7.1	3508.	48.3	7.2
TOTAL	1760.	491.4	65.6	1748.	476.9	62.1	3508.	484.2	64.3

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	42.	49.8	6.5	186.	48.0	7.2	136.	48.9	6.0	173.	48.9	7.1
WRITING	42.	47.7	8.5	186.	46.9	7.6	136.	46.9	6.5	173.	46.7	7.4
READING	42.	48.4	7.4	186.	49.7	7.4	136.	49.1	6.1	173.	49.4	7.1
TOTAL	42.	486.2	64.5	186.	478.4	65.4	136.	482.8	52.9	173.	483.2	64.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	39.	53.4	6.8	11.	49.4	8.1	1161.	48.2	6.8			
WRITING	39.	49.9	6.7	11.	49.3	7.0	1161.	45.9	7.2			
READING	39.	52.9	7.7	11.	51.9	5.8	1161.	47.8	7.0			
TOTAL	39.	520.3	63.1	11.	501.9	62.7	1161.	473.0	61.4			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



COUNTRY IS: JAPAN WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.058

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 18166; OF THESE 18069 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 6105 GRADUATE = 6233 TOTAL = 12338  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	3315	54	461.3	65.1	4741	76	501.9	64.3	8056	65	485.2	67.6
FEMALES	2789	46	484.4	66.7	1492	24	509.3	70.1	4281	35	493.1	69.0
FOREIGN CENTERS	3631	59	474.5	70.4	4964	80	505.9	65.7	8595	70	492.7	69.5
DOMESTIC CENTERS	2474	41	467.9	61.0	1269	20	495.0	65.6	3743	30	477.1	63.9
FOREIGN REPORTS	263	4	488.7	72.6	299	5	507.8	67.0	562	5	498.8	70.3
DOMESTIC REPORTS	2262	37	478.9	67.9	2457	39	515.4	65.3	4719	38	497.9	69.0
BOTH KINDS	232	4	512.6	76.0	239	4	529.5	65.0	471	4	521.2	71.1
NEITHER KIND	3348	55	462.9	63.0	3238	52	492.5	64.0	6586	53	477.5	65.2
REPORTED REPEATERS	2933	48	473.8	57.2	3439	55	513.2	59.7	6372	52	495.1	61.8
ACTUAL REPEATERS*	2163	35	472.9	54.5	2377	38	508.3	55.2	4540	37	491.4	57.6
AGE**	6026.		22.6	3.9	5989.		27.1	4.0	12015.		24.9	4.6
LANGUAGES:												
JAPANESE	5910.	96.8			JAPANESE	6062.	97.3		JAPANESE	11972.	97.0	
UNKNOWN	112.	1.8			UNKNOWN	104.	1.7		UNKNOWN	216.	1.8	
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.062					0.054				0.058

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	6105.	49.3	7.2	6233.	50.1	6.9	12338.	49.7	7.1
WRITING	6105.	46.2	7.7	6233.	50.1	7.6	12338.	48.2	7.9
READING	6105.	46.0	7.6	6233.	50.9	7.5	12338.	48.5	8.0
TOTAL	6105.	471.9	66.8	6233.	503.7	65.8	12338.	487.9	68.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	489.	51.4	7.2	658.	51.0	7.2	131.	48.4	7.1	574.	49.7	6.4
WRITING	489.	51.3	8.4	658.	50.9	7.7	131.	48.9	7.3	574.	50.8	6.4
READING	489.	51.3	8.4	658.	51.9	7.6	131.	49.6	7.2	574.	51.3	6.7
TOTAL	489.	513.5	72.5	658.	513.1	67.5	131.	489.5	63.9	574.	506.2	57.5
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	576.	52.9	6.3	69.	51.2	6.6	3736.	49.4	6.8			
WRITING	576.	53.2	6.8	69.	53.5	5.8	3736.	49.2	7.6			
READING	576.	54.4	6.5	69.	54.0	6.4	3736.	50.0	7.5			
TOTAL	576.	534.8	57.9	69.	529.6	55.5	3736.	495.6	65.1			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: KHMER R WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.365

100 PER CENT SAMPLE OF REGISTPANTS SELECTED FOR THIS COUNTRY = 78; OF THESE 78 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 44 GRADUATE = 22 TOTAL = 66  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	32	73	490.6	50.2	15	68	499.8	66.6	47	71	493.6	56.1
FEMALES	12	27	510.3	44.6	7	32	471.6	57.9	19	29	496.0	53.3
FOREIGN CENTERS	13	30	511.1	62.9	9	41	512.9	61.1	22	33	511.8	62.2
DOMESTIC CENTERS	31	70	489.7	41.1	13	59	475.6	63.7	44	67	485.5	49.3
FOREIGN REPORTS	2	5	535.0	35.0	0	0	0.0	0.0	2	3	535.0	35.0
DOMESTIC REPORTS	25	57	495.0	47.6	13	59	487.2	78.6	38	56	492.3	60.2
BOTH KINDS	1	2	487.0	0.0	2	9	515.0	48.0	3	5	505.7	41.4
EITHER KIND	16	35	493.2	53.4	7	32	490.9	32.4	23	35	492.5	48.0
REPORTED REPEATERS	19	43	483.5	44.4	6	27	543.8	50.3	25	38	497.9	52.6
ACTUAL REPEATERS*	10	23	499.6	42.9	1	5	493.0	0.0	11	17	499.0	40.9
GEN**	43.		23.3	5.8	18.		26.1	4.0	61.		24.2	5.4
LANGUAGES:												
CAMBODIA	36.	81.8		CAMBODIA	16.	72.7		CAMBODIA	52.	78.8		
CHINESE	5.	11.4		ANNAMENSE	2.	9.1		CHINESE	7.	10.6		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.315					0.450				0.365

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	44.	53.4	5.1	22.	49.8	7.4	66.	52.2	6.2
WRITING	44.	47.2	6.8	22.	48.0	7.5	66.	47.5	7.0
READING	44.	48.5	7.4	22.	49.6	7.6	66.	48.9	7.5
TOTAL	44.	496.0	49.6	22.	490.9	65.3	66.	494.3	55.3

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	2.	54.0	6.0	1.	40.0	0.0	3.	44.0	9.4
WRITING	0.	0.0	0.0	2.	40.5	10.5	1.	45.0	0.0	3.	47.3	5.0
READING	0.	0.0	0.0	2.	44.5	9.5	1.	48.0	0.0	3.	48.7	7.9
TOTAL	0.	0.0	0.0	2.	463.5	86.5	1.	454.0	0.0	3.	462.0	79.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	5.	54.6	5.5	2.	51.5	0.5	9.	48.8	6.3			
WRITING	5.	52.4	9.0	2.	52.0	2.0	9.	46.8	5.5			
READING	5.	56.2	6.9	2.	53.0	2.0	9.	46.8	5.8			
TOTAL	5.	544.0	63.1	2.	521.5	1.5	9.	474.3	42.1			

REPEATED TOEFL DURING PERIOD OCTOBER, 1977 THROUGH JUNE, 1979--ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*RESTRICTED TO 18-36 FOR UNDERGRADUATES AND 20-46 FOR GRADUATES

COUNTRY = IS: KOREA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.060

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 8657; OF THESE 8625 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 2364 = GRADUATE : 5111 TOTAL = 7475  
THIS RUN USES THIS LAST TOTAL AS A BASE = FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES =				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	1334	57	497.5	70.5	3847	75	514.9	52.6	5181	69	510.4	58.3
FEMALES	1026	43	490.4	71.0	1257	25	508.3	62.1	2283	31	500.2	66.9
FOREIGN CENTERS	1042	44	485.8	70.0	4265	83	513.2	53.1	5307	71	507.8	57.8
DOMESTIC CENTERS	1322	56	500.0	70.8	846	17	513.6	64.8	2168	29	505.9	68.8
FOREIGN REPORTS	102	4	495.5	77.6	93	2	507.5	62.9	195	3	501.2	71.3
DOMESTIC REPORTS	1344	57	506.6	72.5	2271	44	526.3	53.9	3615	48	518.9	62.2
BOTH KINDS	53	2	489.2	70.0	158	3	535.1	50.2	211	3	523.5	59.3
NEITHER KIND	865	37	475.3	62.8	2589	51	500.8	53.3	3454	46	494.4	56.9
REPORTED REPEATERS	711	30	490.9	59.8	2199	43	519.0	51.7	2910	39	512.1	55.2
ACTUAL REPEATERS*	471	20	490.0	53.9	1339	26	512.9	46.7	1810	24	506.9	51.2
AGE**	2339		22.2	4.7	4968		27.8	4.4	7307		26.0	5.2
LANGUAGES:												
KOREAN	2241	94.8			5005	97.9			7246	96.9		
JAPANESE	75	3.2			61	1.2			115	1.5		
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.100				0.041				0.060

TOEFL SCORES	UNDERGRADUATES =			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	2364	51.6	8.1	5111	48.7	6.3	7475	49.6	7.0
WRITING	2364	47.5	8.2	5111	51.3	6.9	7475	50.1	7.5
READING	2364	49.3	8.0	5111	54.0	6.3	7475	52.5	7.2
TOTAL	2364	494.3	70.9	5111	513.3	55.2	7475	507.3	61.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	284	50.1	7.1	594	49.9	6.4	199	49.2	6.0	801	48.9	5.8
WRITING	284	51.5	8.6	594	53.3	6.3	199	50.8	6.5	801	52.7	6.0
READING	284	52.9	7.8	594	56.0	5.4	199	53.0	6.5	801	55.3	5.2
TOTAL	284	515.4	70.4	594	531.1	51.1	199	510.2	50.9	801	522.8	46.3
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	402	51.3	6.2	24	50.8	5.9	2811	47.9	6.1			
WRITING	402	54.3	6.3	24	57.0	6.7	2811	50.0	6.8			
READING	402	56.9	5.5	24	59.3	5.9	2811	52.9	6.4			
TOTAL	402	541.7	50.7	24	556.9	54.5	2811	502.6	54.4			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER =, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-30 FOR GRADUATES

COUNTRY IS: LAOS WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.292

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 71; OF THESE 71 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 49 GRADUATE = 19 TOTAL = 68  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	27	55	485.5	76.1	13	68	478.2	90.1	40	59	483.1	81.0
FEMALES	22	45	473.3	69.7	6	32	474.0	71.9	28	41	473.4	70.2
FOREIGN CENTERS	8	16	527.2	62.6	2	11	613.5	3.5	10	15	544.5	65.8
DOMESTIC CENTERS	41	84	470.0	72.0	17	89	460.8	74.7	58	85	467.9	72.9
FOREIGN REPORTS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
DOMESTIC REPORTS	42	86	485.4	74.7	11	58	482.5	76.7	53	78	484.8	75.1
BOTH KINDS	0	0	0.0	0.0	1	5	610.0	0.0	1	1	610.0	0.0
NEITHER KIND	7	14	448.0	56.4	7	37	449.1	83.3	14	21	448.6	71.2
REPORTED REPEATERS	6	12	522.0	59.2	4	21	518.2	78.8	10	15	520.5	67.8
ACTUAL REPEATERS*	3	4	460.0	5.0	1	5	480.0	0.0	3	4	468.0	9.4
AGE**	49.		20.9	3.1	19.		22.3	1.8	59.		21.2	3.0
LANGUAGES:												
LAO	40.	81.6			17.	89.5			57.	83.8		
CHINESE	3.	6.1			1.	5.3			3.	4.4		
INDEX OF LINGUISTIC FRACTIONALIZATION:				0.326				0.194				0.292

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	49.	51.9	7.2	19.	52.0	6.8	68.	52.0	7.1
WRITING	49.	45.6	9.1	19.	46.2	9.9	68.	45.8	9.3
READING	49.	46.2	8.2	19.	44.8	10.5	68.	45.9	8.9
TOTAL	49.	480.0	73.5	19.	476.9	84.8	68.	479.1	76.9

SCORES BY FIELD (GRADUATES ONLY)	ARTS & HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	50.0	0.0	2.	58.5	2.5	1.	55.0	0.0	0.	0.0	0.0
WRITING	1.	42.0	0.0	2.	57.0	8.0	1.	47.0	0.0	0.	0.0	0.0
READING	1.	35.0	0.0	2.	49.0	10.0	1.	38.0	0.0	0.	0.0	0.0
TOTAL	1.	423.0	0.0	2.	548.5	68.5	1.	437.0	0.0	0.	0.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	1.	56.0	6.4	0.	0.0	0.0	12.	490.8	6.8			
WRITING	1.	56.7	8.3	0.	0.0	0.0	12.	480.1	7.9			
READING	1.	54.7	13.3	0.	0.0	0.0	12.	488.1	8.4			
TOTAL	1.	558.0	93.3	0.	0.0	0.0	12.	4500.0	70.4			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: MACAO WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.282

100 PER CENT SAMPLE OF REGISTPANTS SELECTED FOR THIS COUNTRY = 568; OF THESE 567 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 319 GRADUATE = 166 TOTAL = 485  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	164	51	505.6	60.4	89	54	488.7	76.4	253	52	499.6	67.0
FEMALES	155	49	521.8	52.1	77	46	503.1	52.6	232	48	515.6	53.0
FOREIGN CENTERS	252	79	510.1	57.1	150	90	488.1	64.9	402	83	501.9	61.1
DOMESTIC CENTERS	67	21	525.8	55.4	16	10	563.9	39.8	83	17	533.0	54.8
FOREIGN REPORTS	142	45	506.3	53.4	21	13	451.1	63.2	163	34	499.2	57.8
DOMESTIC REPORTS	53	17	527.1	50.5	22	13	549.6	79.3	75	15	533.7	61.2
BOTH KINDS	30	9	504.0	71.1	14	8	515.7	75.3	44	9	507.7	72.7
NEITHER KIND	94	29	519.5	58.9	109	66	490.4	54.5	203	42	503.9	58.4
REPORTED REPEATERS	121	38	519.0	48.3	52	31	495.7	65.3	173	36	512.0	55.0
ACTUAL REPEATERS*	75	24	518.1	46.7	22	13	472.1	44.8	97	20	507.7	50.2
AGE**	317.		20.3	3.0	82.		23.4	3.9	399.		20.9	3.4
LANGUAGES:												
CHINESE	266.	83.4		CHINESE	142.	85.5		CHINESE	408.	84.1		
MALAY	32.	10.0		MALAY	11.	6.6		MALAY	43.	8.9		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.293				0.261				0.282	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	319.	51.1	7.0	166.	48.6	7.4	485.	50.3	7.3
WRITING	319.	51.1	6.5	166.	49.9	7.2	485.	50.7	6.8
READING	319.	51.8	6.5	166.	50.1	7.6	485.	51.3	6.9
TOTAL	319.	513.4	57.1	166.	495.4	66.8	485.	507.3	61.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	4.	46.5	8.7	9.	56.3	8.4	4.	55.0	6.4	7.	54.1	6.9
WRITING	4.	45.8	9.4	9.	56.0	7.1	4.	48.8	6.6	7.	54.9	6.0
READING	4.	49.0	10.5	9.	57.1	8.5	4.	53.3	5.7	7.	56.6	6.5
TOTAL	4.	471.0	90.3	9.	564.8	77.4	4.	523.2	58.4	7.	551.9	61.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	4.	57.3	7.3	0.	0.0	0.0	138.	47.4	6.7			
WRITING	4.	54.3	8.3	0.	0.0	0.0	138.	49.3	6.8			
READING	4.	53.8	7.9	0.	0.0	0.0	138.	49.2	7.0			
TOTAL	4.	551.0	77.9	0.	0.0	0.0	138.	486.3	59.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: MALAYSIA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.582

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 7572; OF THESE 7567 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 5444 GRADUATE = 1710 TOTAL = 7154  
 THIS RUN USES THIS TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	3788	70	553.0	55.9	1266	74	555.6	65.0	5054	71	553.6	58.4
FEMALES	1656	30	570.4	55.0	442	26	570.9	59.4	2098	29	570.5	56.7
FOREIGN CENTERS	3964	73	562.2	57.3	1395	81	565.0	63.6	5349	75	562.9	59.0
DOMESTIC CENTERS	1480	27	547.8	53.0	325	19	535.8	60.6	1805	25	545.7	54.7
FOREIGN REPORTS	1013	19	569.3	49.5	113	7	548.6	58.0	1126	16	567.2	50.8
DOMESTIC REPORTS	1520	28	570.4	52.2	737	43	580.8	55.9	2257	32	573.8	53.7
BOTH KINDS	126	2	569.7	51.8	97	6	582.5	61.9	223	3	575.3	56.8
NEITHER KIND	2785	51	547.1	59.1	763	45	537.5	64.7	3548	50	545.0	60.5
REPORTED REPEATERS	1057	19	537.5	47.4	304	18	538.2	61.0	1361	19	537.7	50.8
ACTUAL REPEATERS*	764	14	537.3	45.1	132	8	519.0	47.2	896	13	534.6	45.9
AGE**	412.		20.5	3.0	1489.		27.4	5.2	6901.		22.0	4.6
LANGUAGES:												
MALAY	2749.	50.5			984.	57.5			3733.	52.2		
CHINESE	2147.	39.4			548.	32.0			2695.	37.7		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.586				0.564				0.582	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	5444.	57.6	5.9	1710.	56.6	6.4	7154.	57.3	6.1
WRITING	5444.	54.3	6.7	1710.	54.6	7.6	7154.	54.4	6.9
READING	5444.	55.7	6.3	1710.	56.6	7.0	7154.	55.9	6.5
TOTAL	5444.	558.3	56.5	1710.	559.4	64.1	7154.	558.5	58.4

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	73.	56.3	7.1	288.	56.8	6.1	117.	58.8	5.2	135.	58.1	6.1
WRITING	73.	56.4	7.8	288.	56.8	6.8	117.	57.5	5.9	135.	56.7	6.8
READING	73.	56.4	7.9	288.	58.3	5.9	117.	59.7	5.3	135.	59.0	6.2
TOTAL	73.	563.8	70.6	288.	572.8	57.3	117.	586.5	49.8	135.	579.3	58.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	18-7.	59.9	4.9	1.	67.0	0.0	909.	55.4	6.6			
WRITING	18-7.	58.3	5.9	1.	66.0	0.0	909.	52.4	7.6			
READING	18-7.	60.6	4.8	1.	66.0	0.0	909.	54.4	7.2			
TOTAL	18-7.	596.2	46.1	1.	663.0	0.0	909.	540.7	64.6			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: MAURITIUS WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.649

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 54: OF THESE 54 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 24 GRADUATE = 24 TOTAL = 48  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	16	67	542.4	46.4	24	100	594.7	34.5	40	83	573.8	47.2
FEMALES	8	33	558.5	50.7	0	0	0.0	0.0	8	17	558.5	50.7
FOREIGN CENTERS	16	67	535.4	50.9	21	88	590.1	33.8	37	77	566.4	50.0
DOMESTIC CENTERS	8	33	572.6	30.9	3	13	626.7	19.4	11	23	597.4	37.1
FOREIGN REPORTS	5	21	564.6	29.1	2	8	588.5	18.5	7	15	571.4	28.6
DOMESTIC REPORTS	12	50	552.4	50.3	18	75	596.6	38.0	30	63	578.9	48.4
BOTH KINDS	0	0	0.0	0.0	2	8	603.5	16.5	2	4	603.5	16.5
NEITHER KIND	7	29	507.9	49.8	2	8	575.0	12.0	9	19	538.3	48.4
REPORTED REPEATERS	2	8	553.0	0.0	3	13	584.3	18.0	5	10	571.8	20.7
ACTUAL REPEATERS*	1	4	553.0	0.0	2	8	573.0	10.0	3	6	566.3	12.5
AGE**	24.		21.8	3.8	24.		29.2	6.0	48.		25.5	6.3
LANGUAGES:												
UNKNOWN	12.	50.0		UNKNOWN	11.	45.8		UNKNOWN	23.	47.9		
FRENCH	7.	29.2		FRENCH	8.	33.3		FRENCH	15.	31.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.635					0.660				0.649

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	24.	57.4	6.8	24.	57.4	3.9	48.	57.4	5.6
WRITING	24.	53.7	5.5	24.	60.4	4.0	48.	57.0	5.8
READING	24.	54.9	5.8	24.	60.6	4.1	48.	57.8	5.8
TOTAL	24.	547.8	48.5	24.	594.7	34.5	48.	571.2	48.2

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	3.	56.7	5.7	3.	56.7	1.2	3.	58.3	1.2	3.	57.3	2.6
WRITING	3.	61.3	4.6	3.	60.7	1.7	3.	58.3	3.9	3.	61.3	2.6
READING	3.	59.7	6.6	3.	62.7	0.9	3.	59.7	2.1	3.	62.3	2.6
TOTAL	3.	592.3	51.2	3.	600.0	12.1	3.	588.0	20.2	3.	603.3	26.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	6.	59.3	4.1	0.	0.0	0.0	6.	56.7	4.6			
WRITING	6.	61.8	4.7	0.	0.0	0.0	6.	58.8	3.1			
READING	6.	59.7	5.0	0.	0.0	0.0	6.	60.7	2.9			
TOTAL	6.	599.7	41.7	0.	0.0	0.0	6.	587.2	30.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



COUNTRY IS: NEPAL WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.484

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 209; OF THESE 208 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 30 GRADUATE = 156 TOTAL = 186  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	24	80	523.9	68.9	131	84	527.2	60.9	155	83	527.5	62.2
FEMALES	6	20	517.7	84.3	25	16	495.5	67.8	31	17	499.8	71.8
FOREIGN CENTERS	26	87	537.4	71.2	146	95	522.4	63.8	174	94	524.6	65.1
DOMESTIC CENTERS	4	13	457.0	27.2	8	5	517.7	50.6	12	6	497.5	52.7
FOREIGN REPORTS	0	0	0.0	0.0	6	4	576.2	46.3	6	3	576.2	46.8
DOMESTIC REPORTS	17	57	533.2	68.6	56	36	531.4	59.0	73	39	531.8	61.3
BOTH KINDS	0	0	0.0	0.0	7	4	560.4	52.5	7	4	560.4	52.5
NEITHER KIND	13	43	518.1	76.2	87	56	509.3	63.3	100	54	510.5	65.2
REPORTED REPEATERS	2	7	495.0	12.0	34	22	504.8	66.7	36	19	504.2	64.9
ACTUAL REPEATERS*	0	0	0.0	0.0	5	3	499.8	40.8	5	3	499.8	40.8
AGE**	30.		22.5	4.8	150.		30.2	5.3	180.		28.9	6.0
LANGUAGES:												
NEPALI	30.0	100.0			NEPALI	153	98.2		NEPALI	183	98.4	
				0.00			0.03					0.03

INDEX OF LINGUISTIC FRACTIONALIZATION :

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	30.	52.1	8.5	156.	50.0	7.4	186.	50.3	7.6
WRITING	30.	52.5	8.1	156.	52.2	7.7	186.	52.3	7.8
READING	30.	53.5	7.4	156.	54.5	6.5	186.	54.3	6.7
TOTAL	30.	526.7	72.4	156.	522.1	63.2	186.	522.8	64.7

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	4.	53.0	9.1	18.	50.4	7.0	5.	45.2	6.9	15.	53.4	7.5
WRITING	4.	55.0	10.7	18.	54.2	7.3	5.	49.0	4.9	15.	56.2	5.3
READING	4.	57.3	10.3	18.	55.7	6.2	5.	50.6	6.5	15.	57.5	4.6
TOTAL	4.	551.0	99.2	18.	534.4	63.2	5.	479.6	52.7	15.	556.9	46.1
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	10.	53.2	5.9	0.	0.0	0.0	104.	49.2	7.2			
WRITING	10.	52.1	4.3	0.	0.0	0.0	104.	51.4	8.0			
READING	10.	56.5	4.8	0.	0.0	0.0	104.	53.7	6.5			
TOTAL	10.	539.3	37.4	0.	0.0	0.0	104.	514.2	62.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



COUNTRY IS: PAKISTAN WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.560

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 4322; OF THESE 4307 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 1869 GRADUATE = 1964 TOTAL = 3833  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	1739	93	515.3	81.1	1774	90	521.3	71.1	3513	92	518.3	76.3
FEMALES	128	7	554.3	82.1	189	10	546.7	66.7	317	8	549.8	73.4
FOREIGN CENTERS	1651	89	518.1	83.4	1785	91	522.9	71.6	3436	90	520.6	77.6
DOMESTIC CENTERS	218	12	516.0	68.0	179	9	531.9	65.4	397	10	523.2	67.3
FOREIGN REPORTS	130	7	499.6	83.3	89	5	507.4	70.8	219	6	502.8	78.5
DOMESTIC REPORTS	852	46	537.3	79.0	844	43	538.6	69.4	1696	44	537.9	74.4
BOTH KINDS	103	6	514.1	77.8	180	9	538.3	66.2	283	7	529.5	71.6
NEITHER KIND	784	42	500.3	80.3	851	43	507.5	69.9	1635	43	504.1	75.2
REPORTED REPEATERS	313	17	500.4	67.4	356	18	523.8	64.8	669	17	512.9	67.1
ACTUAL REPEATERS*	113	6	494.7	59.0	102	5	494.6	54.1	215	6	494.7	56.7
AGE**	1832.		21.4	4.0	1883.		26.6	4.4	3715.		24.0	4.9
LANGUAGES:												
URDU	1563	83.6		URDU	1528	77.8		URDU	3091	80.6		

INDEX OF LINGUISTIC FRACTIONALIZATION : not available

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1869.	53.5	8.4	1964.	52.0	7.8	3833.	52.7	8.1
WRITING	1869.	50.1	9.4	1964.	51.4	8.3	3833.	50.8	8.9
READING	1869.	51.8	8.4	1964.	53.7	7.5	3833.	52.8	8.0
TOTAL	1869.	517.9	81.8	1964.	523.7	71.1	3833.	520.9	76.6

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	30.	54.0	7.9	107.	51.5	8.0	111.	51.7	8.1	533.	53.1	7.7
WRITING	30.	52.5	9.3	107.	53.0	8.3	111.	50.9	8.2	533.	52.7	7.8
READING	30.	53.8	9.3	107.	55.0	7.0	111.	53.4	6.7	533.	54.7	7.1
TOTAL	30.	534.0	80.9	107.	531.7	70.6	111.	519.6	67.5	533.	534.9	68.3
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	183.	55.8	6.7	18.	51.8	10.2	982.	50.7	7.6			
WRITING	183.	55.3	7.8	18.	53.3	9.4	982.	49.9	8.2			
READING	183.	57.6	6.6	18.	55.5	9.2	982.	52.3	7.4			
TOTAL	183.	562.2	62.6	18.	535.1	92.1	982.	509.5	69.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: PHILIPPI WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.407

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 9996; OF THESE 9974 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 1087 GRADUATE = 1575 TOTAL = 2662  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	544	50	557.6	64.3	694	44	597.3	51.8	1238	47	579.8	60.9
FEMALES	543	50	561.4	65.1	881	56	592.0	55.4	1424	53	580.3	61.1
FOREIGN CENTERS	658	61	563.1	68.5	1223	78	600.0	51.7	1881	71	587.1	60.8
DOMESTIC CENTERS	429	39	554.0	58.0	352	22	574.7	56.9	781	29	563.3	58.4
FOREIGN REPORTS	106	10	558.6	61.8	61	4	577.3	54.9	167	6	565.5	60.1
DOMESTIC REPORTS	725	67	563.2	64.7	1056	67	601.5	48.4	1781	67	585.9	58.7
BOTH KINDS	37	3	566.0	70.0	78	5	591.9	62.7	115	4	583.6	66.2
NEITHER KIND	219	20	546.7	63.5	380	24	577.6	61.5	599	23	566.3	64.0
REPORTED REPEATERS	49	5	530.5	62.3	88	6	574.8	67.7	137	5	559.0	69.1
ACTUAL REPEATERS*	22	2	513.0	71.3	17	1	519.6	69.6	39	1	515.9	70.6
AGE**	1072.		21.7	5.2	1515.		26.7	5.3	2587.		24.6	5.8
LANGUAGES:												
TAGALOG	828.	76.2			TAGALOG	1165.	74.0		TAGALOG	1993.	74.9	
ILOCANO	86.	7.9			CEBUANO	130.	8.3		CEBUANO	179.	6.7	
INDEX OF LINGUISTIC FRACTIONALIZATION : 0.408 0.438 0.407												

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1087.	57.9	6.5	1575.	59.7	5.5	2662.	59.0	6.0
WRITING	1087.	54.3	7.6	1575.	58.5	6.5	2662.	56.8	7.3
READING	1087.	55.8	7.1	1575.	60.3	5.8	2662.	58.5	6.7
TOTAL	1087.	559.5	64.7	1575.	594.3	53.9	2662.	580.1	61.0

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	56.	60.4	4.1	226.	61.2	5.3	191.	58.0	5.5	218.	60.3	5.0
WRITING	56.	59.3	5.3	226.	61.3	5.6	191.	56.6	6.3	218.	58.6	5.9
READING	56.	60.5	4.2	226.	61.6	4.8	191.	58.6	5.9	218.	61.0	5.1
TOTAL	56.	600.3	39.9	226.	606.4	47.3	191.	576.5	52.6	218.	599.4	48.5
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	326.	62.1	4.3	21.	60.1	4.1	537.	58.4	6.0			
WRITING	326.	60.7	5.1	21.	60.6	3.5	537.	56.9	7.4			
READING	326.	62.2	4.6	21.	63.1	2.8	537.	58.6	6.6			
TOTAL	326.	615.8	41.4	21.	613.0	30.2	537.	579.1	60.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: SINGAPOR WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.430

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 1991; OF THESE 1991 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 1408 GRADUATE = 428 TOTAL = 1836  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	875	62	568.5	61.3	273	64	564.7	69.8	1148	63	567.6	63.5
FEMALES	533	38	569.1	72.8	155	36	571.4	78.3	688	37	568.9	74.1
FOREIGN CENTERS	1291	92	569.9	65.5	395	92	569.1	72.5	1686	92	569.4	67.2
DOMESTIC CENTERS	117	8	552.3	67.9	33	8	555.8	78.6	150	8	553.1	70.4
FOREIGN REPORTS	274	19	581.0	53.2	37	9	554.7	73.9	311	17	577.9	56.7
DOMESTIC REPORTS	362	26	595.0	59.9	152	36	610.4	47.3	514	28	592.5	57.6
BOTH KINDS	86	6	578.5	59.5	32	7	583.2	69.5	118	6	579.8	62.4
NEITHER KIND	686	49	553.3	70.7	207	48	535.1	72.1	893	49	549.1	71.4
REPORTED REPEATERS	218	15	522.5	61.2	79	19	539.2	75.9	297	16	527.0	65.8
ACTUAL REPEATERS*	132	9	511.8	58.4	36	8	503.5	46.1	168	9	510.0	56.1
AGE**	1401.		21.1	3.1	328.		26.0	4.5	1729.		22.2	4.0
LANGUAGES:												
CHINESE	995.	70.7			347.	81.1			1342.	73.1		
ENGLISH	290.	20.6			50.	11.7			340.	18.5		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.457				0.328				0.430	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1408.	58.3	6.4	428.	57.2	7.1	1836.	58.1	6.5
WRITING	1408.	55.1	7.8	428.	55.0	8.8	1836.	55.1	8.1
READING	1408.	57.1	7.3	428.	57.9	7.6	1836.	57.3	7.4
TOTAL	1408.	568.4	65.9	428.	567.1	73.1	1836.	568.1	67.6

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	12.	56.3	7.2	41.	59.5	6.2	5.	58.2	4.8	36.	57.7	6.1
WRITING	12.	58.1	8.2	41.	58.9	8.0	5.	56.8	6.9	36.	55.3	7.2
READING	12.	59.1	6.6	41.	61.8	6.4	5.	60.0	5.3	36.	57.7	6.6
TOTAL	12.	578.1	70.4	41.	600.5	64.0	5.	583.4	48.1	36.	568.9	60.2
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	92.	61.9	4.0	1.	65.0	0.0	241.	55.0	7.3			
WRITING	92.	61.0	4.8	1.	62.0	0.0	241.	51.8	8.8			
READING	92.	63.0	3.4	1.	66.0	0.0	241.	55.1	7.8			
TOTAL	92.	619.9	35.0	1.	643.0	0.0	241.	539.9	73.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: SRI LANKA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.484

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 751; OF THESE 750 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 218 GRADUATE = 531 TOTAL = 749  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	159	73	562.1	76.3	341	79	553.0	65.5	500	77	555.9	69.2
FEMALES	59	27	564.7	65.7	89	21	565.9	68.0	148	23	573.4	67.7
FOREIGN CENTERS	200	92	566.2	75.5	409	95	555.4	66.2	609	94	559.0	69.6
DOMESTIC CENTERS	18	8	591.0	53.8	22	5	555.0	69.4	40	6	571.2	65.4
FOREIGN REPORTS	21	10	519.1	101.1	34	8	534.3	71.8	55	8	522.3	84.3
DOMESTIC REPORTS	101	46	582.1	65.9	184	43	570.7	63.2	285	44	574.8	64.4
BOTH KINDS	16	7	554.6	79.5	76	18	566.6	56.0	92	14	564.7	60.9
NEITHER KIND	80	37	566.3	68.4	137	32	536.2	66.8	217	33	547.3	68.9
REPORTED REPEATERS	9	4	513.3	101.0	49	11	552.1	63.0	58	9	546.1	73.0
ACTUAL REPEATERS*	2	1	458.5	91.5	15	3	513.7	44.5	17	3	507.2	55.6
AGE**	218.		21.3	4.5	419.		27.7	4.4	637.		25.5	5.4
LANGUAGES:												
SINHALES	152.	69.7			365.	61.5			417.	64.3		
TAMIL	52.	23.9			156.	36.2			203.	32.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.455				0.491				0.484	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	218.	57.8	7.4	431.	54.4	7.5	649.	55.5	7.6
WRITING	218.	55.8	8.8	431.	55.0	7.7	649.	55.3	8.1
READING	218.	56.8	7.5	431.	57.3	6.6	649.	57.1	7.0
TOTAL	218.	569.2	74.3	431.	555.4	66.3	649.	559.7	69.4

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	11.	55.9	8.2	34.	51.5	7.7	42.	55.0	6.1	147.	55.1	7.2
WRITING	11.	55.6	12.0	34.	52.6	9.4	42.	56.3	6.5	147.	55.4	7.1
READING	11.	56.5	11.8	34.	55.1	7.7	42.	57.5	5.7	147.	57.8	6.3
TOTAL	11.	560.3	102.1	34.	530.9	76.4	42.	562.5	52.7	147.	560.9	61.8
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	17.	59.6	4.8	2.	61.5	5.5	178.	53.6	7.7			
WRITING	17.	59.7	4.2	2.	59.5	8.5	178.	54.2	7.8			
READING	17.	61.9	4.3	2.	62.0	5.0	178.	56.8	6.3			
TOTAL	17.	600.6	39.0	2.	610.0	63.0	178.	548.6	66.9			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: THAILAND WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.037

100 PER CENT SAMPLE OF REGISTPANTS SELECTED FOR THIS COUNTRY = 9032; OF THESE 9013 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 1541 GRADUATE = 6635 TOTAL = 8176  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	943	61	460.3	67.9	3381	51	469.1	59.7	4324	53	467.2	61.7
FEMALES	593	39	469.7	71.8	3250	49	475.4	60.0	3848	47	474.5	62.0
FOREIGN CENTERS	941	61	457.7	72.9	5081	89	471.0	59.9	6022	83	469.1	62.0
DOMESTIC CENTERS	600	39	473.8	62.8	754	11	481.6	59.3	1354	17	478.1	61.0
FOREIGN REPORTS	90	6	460.6	82.3	428	6	485.0	64.5	518	6	480.7	68.5
DOMESTIC REPORTS	595	39	480.1	70.7	2022	30	489.4	61.1	2617	32	487.7	63.5
BOTH KINDS	39	3	483.3	82.9	201	3	495.6	61.0	240	3	493.6	65.2
NEITHER KIND	817	53	450.2	63.0	3984	60	460.9	55.9	4801	59	459.1	57.3
REPORTED REPEATERS	480	31	466.5	62.1	2647	40	482.3	57.1	3127	38	479.9	58.2
ACTUAL REPEATERS*	293	19	465.2	56.3	1811	27	476.2	48.3	2104	26	474.7	49.7
AGE**	1518.		21.5	3.6	6455.		25.6	4.0	7973.		24.9	4.2
LANGUAGES:												
THAI	1493.	96.9			6530.	98.4			8023.	98.1		
UNKNOWN	13.	0.8			42.	0.6			51.	0.6		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.061				0.031				0.037	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1541.	49.9	7.8	6635.	48.5	6.7	8176.	48.7	6.9
WRITING	1541.	44.6	7.8	6635.	46.4	7.1	8176.	46.1	7.3
READING	1541.	44.8	7.7	6635.	46.9	6.8	8176.	46.5	7.0
TOTAL	1541.	463.9	69.6	6635.	472.2	59.9	8176.	470.6	62.0

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	207.	52.1	7.7	688.	48.8	6.9	189.	49.9	6.6	438.	50.4	6.5
WRITING	207.	50.5	8.1	688.	47.4	7.3	189.	47.5	6.5	438.	48.6	6.6
READING	207.	49.8	7.9	688.	47.5	6.9	189.	49.1	6.4	438.	49.5	6.5
TOTAL	207.	507.7	70.9	688.	478.6	61.9	189.	488.1	57.8	438.	494.8	56.1
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	503.	50.5	6.5	45.	51.8	6.0	4565.	47.8	6.5			
WRITING	503.	47.8	6.7	45.	49.9	7.4	4565.	45.6	7.0			
READING	503.	48.6	6.5	45.	49.4	6.0	4565.	46.1	6.6			
TOTAL	503.	489.6	58.0	45.	502.7	54.6	4565.	464.5	57.9			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: VIETNAM WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.568

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 2030; OF THESE 2015 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 1313 GRADUATE = 406 TOTAL = 1719  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	805	61	499.9	61.6	263	65	510.7	68.2	1068	62	502.6	63.5
FEMALES	507	39	506.4	65.5	143	35	493.1	73.2	650	38	503.5	67.5
FOREIGN CENTERS	185	14	503.1	54.5	73	18	526.5	67.3	258	15	509.7	59.4
DOMESTIC CENTERS	1128	86	502.3	64.6	333	82	499.6	70.2	1461	85	501.7	65.9
FOREIGN REPORTS	48	4	515.0	62.4	26	6	528.7	61.6	74	4	519.8	62.5
DOMESTIC REPORTS	904	69	503.8	63.8	211	52	503.6	75.6	1115	65	507.9	66.2
BOTH KINDS	9	1	501.1	72.5	7	2	557.3	48.9	16	1	525.7	69.1
NEITHER KIND	352	27	484.1	58.0	162	40	499.4	63.7	514	30	488.9	60.2
REPORTED REPEATERS	379	29	495.0	55.9	132	33	510.9	62.1	511	30	501.9	58.5
ACTUAL REPEATERS*	183	14	493.3	55.1	51	13	497.0	57.7	234	14	494.1	55.7
AGE**	1289.		22.7	5.7	305.		28.6	6.5	1594.		23.8	6.3
LANGUAGES:												
VIETNAME	618.	47.1			187.	46.1			799.	46.5		
ANNAMESE	608.	46.3			181.	44.6			795.	46.2		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.563				0.586				0.568	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1313.	53.2	6.8	406.	51.9	7.2	1719.	52.9	6.9
WRITING	1313.	48.2	7.4	406.	48.8	8.3	1719.	48.4	7.7
READING	1313.	49.3	7.4	406.	50.5	8.6	1719.	49.6	7.7
TOTAL	1313.	502.4	63.3	406.	504.5	70.5	1719.	502.9	65.0

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	13.	51.6	8.1	18.	54.7	6.7	31.	52.8	6.5	80.	52.2	7.4
WRITING	13.	50.0	8.7	18.	53.9	8.7	31.	48.1	7.3	80.	47.3	8.2
READING	13.	52.8	9.3	18.	53.1	9.9	31.	50.5	8.4	80.	50.2	8.2
TOTAL	13.	519.2	79.0	18.	538.1	80.6	31.	504.7	66.2	80.	498.9	69.9
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	34.	55.5	6.0	8.	52.6	10.1	222.	50.9	7.0			
WRITING	34.	52.9	8.7	8.	54.0	6.2	222.	48.1	8.0			
READING	34.	55.9	7.7	8.	57.4	4.6	222.	49.2	8.4			
TOTAL	34.	547.8	66.5	8.	544.4	51.8	222.	494.8	67.0			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

# Section 5. Postsecondary-Degree Planning TOEFL

## Candidates from European Countries

EUROPE-TOTAL ( 16929)

ALBANIA	( 4)★
AUSTRIA	( 150)
AZORES	( 23)
BELGIUM	( 514)
BULGARIA	( 57)
CYPRUS	( 920)
CZECHOSL.	( 52)
DENMARK	( 194)
FINLAND	( 288)
FRANCE	( 2194)
GERMANY	( 1672)
GR. BRITAIN	( 96)
GREECE	( 3200)
HUNGARY	( 59)
ICELAND	( 196)
IRELAND	( 5)★
ITALY	( 1046)
LUXEMBOURG	( 23)
MALTA	( 8)★
MONACO	( 4)★
NETHERLANDS	( 846)
NORWAY	( 802)
POLAND	( 243)
PORTUGAL	( 253)
ROMANIA	( 124)
SPAIN	( 510)
SWEDEN	( 540)
SWITZERLAND	( 523)
TURKEY	( 1937)
USSR	( 224)
YUGOSLAVIA	( 222)

This section provides detailed tabular summaries of data, by country, on the characteristics of postsecondary-degree planning TOEFL candidates from 27 of 31 European countries (i.e., all but those marked by a star in the list at left), by level of planned degree program.

- o Only 7.2 percent of the total degree planning TOEFL candidate population during 1977-79 named a European country as the native country.
- o Largest European contingents were from Greece, France, Turkey, Germany, and Italy (all with over 1,000 candidates) which collectively accounted for 59.4 percent of all European degree-planning candidates.
- o Most European contingents were linguistically homogeneous; linguistically fractionated contingents were those from Belgium, Great Britain, Switzerland, and Yugoslavia.

Selected data from each of 27 countries with the largest candidate contingents (which accounted for 97.5 percent of all European candidates) are presented in a regional overview consisting of four summary tables. Detailed tables for countries with 10 or more candidates are then presented alphabetically.





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# EUROPEAN COUNTRIES, CONTINUED

TOEFL TOTAL SCORES FOR FIELDS OF STUDY BY REGION AND COUNTRY: GRADUATE  
DEGREE SEEKERS ONLY (INTERNATIONAL AND SPECIAL PROGRAMS ONLY)\*

1977-78 & 1978-79

REGION AND COUNTRY	TOTAL (ALL FIELDS)		MEANS BY FIELD							PER CENTS BY FIELD***						
	N	MEAN	ARTS #HUM	SOC SCI	BIO SCI	PHY SCI	BUS.	LAW	OTH- ER**	ARTS #HUM	SOC SCI	BIO SCI	PHY SCI	BUS.	LAW	OTH- ER**
EUROPE-TOTAL	( 9481)	553	571	569	554	550	580	585	539	6	10	4	19	12	3	47
AUSTRIA	( 100)	583	568	610	623	603	609	531	575	4(*)	8(*)	2(*)	7(*)	11(*)	4(*)	64
BELGIUM	( 401)	585	609	592	580	591	589	603	574	7	9	3(*)	12	20	5	43
CYPRUS	( 274)	499	579	513	531	522	554	370	488	1(*)	8	2(*)	11	5(*)	0(*)	72
DENMARK	( 118)	594	614	605	595	580	577	612	598	7(*)	14	3(*)	9(*)	23	2(*)	42
FINLAND	( 132)	582	583	603	562	553	578	518	586	3(*)	10(*)	7(*)	3(*)	11	2(*)	64
FRANCE	( 1653)	570	572	571	552	571	584	569	562	7	8	3	26	19	4	33
GERMANY	( 939)	583	587	606	578	575	588	590	576	11	12	6	14	7	6	42
GREAT BRITAIN	( 29)	540	520	---	584	544	623	---	512	3(*)	0(*)	14(*)	21(*)	10(*)	0(*)	52
GREECE	( 1509)	514	541	521	525	528	550	558	504	3	8	4	16	5	0(*)	64
ITALY	( 581)	552	548	553	532	542	574	605	551	9	9	4	16	10	2(*)	50
NETHERLANDS	( 416)	601	612	611	605	604	607	611	590	6	16	6	8	18	8	38
NORWAY	( 398)	576	592	581	580	569	582	605	569	6	11	4	13	26	2(*)	38
POLAND	( 149)	535	554	541	572	528	603	560	520	14	10	4(*)	28	4(*)	3(*)	38
PORTUGAL	( 122)	557	523	572	532	535	583	503	564	4(*)	5(*)	9(*)	13	7(*)	1(*)	61
ROMANIA	( 77)	559	531	577	524	564	620	---	548	8(*)	5(*)	4(*)	32	9(*)	0(*)	42
SPAIN	( 377)	549	549	550	547	523	565	566	551	7	13	4(*)	12	11	1(*)	53
SWEDEN	( 251)	594	587	602	589	607	605	597	585	4(*)	11	6(*)	11	21	2(*)	45
SWITZERLAND	( 316)	576	598	595	579	558	593	587	562	8	10	7	13	15	10	37
TURKEY	( 1134)	510	531	537	513	521	539	465	492	3	7	2	31	10	0(*)	47
USSR	( 75)	526	554	517	503	525	583	---	509	11(*)	9(*)	8(*)	31	9(*)	0(*)	32
YUGOSLAVIA	( 177)	525	565	559	459	513	645	510	525	7(*)	10	6(*)	29	2(*)	2(*)	44
OTHER	( 253)	564	584	576	572	577	588	610	540	5(*)	15	6	23	7	4(*)	41
ALL CONTINENTS	(116146)	511	536	533	526	536	556	558	494	3	8	5	15	8	1	60

\*GRADUATE DEGREE SEEKERS ONLY; EXCLUDES ALL CANDIDATES REPORTING OTHER REASONS FOR TAKING TOEFL.

\*\*PREDOMINANTLY NO RESPONSE; ALSO INCLUDES FIELD NOT LISTED.

\*\*\*PER CENTS BASED ON N'S LESS THAN 15 ARE FOLLOWED BY "(\*)". WHEN THERE ARE NO CASES "----" REPLACES THE MEAN.



100 PER CENT SAMPLE OF REG  
DEGREE SEEKERS : UNDERGRAD  
THIS RUN USES THIS LAST TO  
CHARACTERISTICS OF THE SAM

N

COUNTRY IS: AZORES WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.0

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 26; OF THESE 26 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 16 GRADUATE = 7 TOTAL = 23  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	10	63	505.0	61.7	3	43	527.7	89.0	13	57	510.2	69.6
FEMALES	6	38	500.0	54.9	4	57	492.0	25.9	10	43	544.8	62.7
FOREIGN CENTERS	3	19	460.0	37.9	1	14	413.0	0.0	4	17	448.2	38.6
DOMESTIC CENTERS	1	81	550.0	64.0	6	86	523.0	55.2	19	83	541.5	62.6
FOREIGN REPORTS	0	0	0.0	0.0	1	14	630.0	0.0	1	4	630.0	0.0
DOMESTIC REPORTS	11	69	541.8	62.1	3	43	482.0	52.4	14	61	529.0	64.9
BOTH KINDS	0	0	0.0	0.0	0	0	0.0	0.0	0	0	0.0	0.0
NEITHER KIND	5	31	514.0	80.3	3	43	491.7	29.9	8	35	505.6	66.9
REPORTED REPEATERS	2	13	518.0	8.0	0	0	0.0	0.0	2	9	518.0	8.0
ACTUAL REPEATERS*	1	6	510.0	0.0	0	0	0.0	0.0	1	4	510.0	0.0
AGE**	16.		19.4	0.6	7.		20.5	0.5	18.		19.6	2.5
LANGUAGES:												
PORTUGUE	16.	100.0			7.	100.0			23.	100.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.0				0.0				0.0	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	16.	56.9	7.3	7.	57.0	6.6	23.	56.9	7.1
WRITING	16.	51.4	9.5	7.	47.9	7.4	23.	50.3	9.0
READING	16.	52.0	5.6	7.	48.3	6.5	23.	50.9	6.2
TOTAL	16.	533.1	60.5	7.	507.3	64.0	23.	525.3	68.9

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0
WRITING	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0
READING	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0
TOTAL	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0	0.	0.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	2.	58.5	4.5	0.	0.0	0.0	5.	56.4	7.2			
WRITING	2.	48.5	2.5	0.	0.0	0.0	5.	47.6	8.6			
READING	2.	48.0	5.0	0.	0.0	0.0	5.	48.4	7.1			
TOTAL	2.	516.5	23.5	0.	0.0	0.0	5.	503.6	73.9			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: BELGIUM WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.635

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 629; OF THESE 628 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 113 GRADUATE = 401 TOTAL = 514  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	58	51	550.3	61.8	322	80	582.8	47.8	380	74	577.9	51.5
FEMALES	55	49	545.9	61.8	79	20	591.9	46.4	134	26	561.2	54.8
FOREIGN CENTERS	79	70	560.2	63.8	384	96	593.2	47.2	463	90	579.2	51.2
DOMESTIC CENTERS	34	30	552.5	58.3	17	4	617.6	45.6	51	10	574.2	62.4
FOREIGN REPORTS	8	7	543.2	56.5	15	4	583.9	42.3	23	4	569.7	51.5
DOMESTIC REPORTS	62	55	565.6	59.1	212	53	590.5	45.0	274	53	584.8	49.6
BOTH KINDS	3	3	639.0	10.7	41	10	602.0	35.2	44	9	604.5	35.4
NEITHER KIND	40	35	542.7	63.6	133	33	570.1	51.8	173	34	563.7	55.0
REPORTED REPEATERS	8	7	523.5	51.3	12	3	582.0	52.8	20	4	558.6	59.5
ACTUAL REPEATERS*	7	6	525.4	48.6	3	1	527.7	4.1	10	2	526.1	40.8
AGE**	112.		21.0	3.2	392.		24.1	2.8	504.		23.4	3.0
LANGUAGES:												
FRENCH	62.	54.9			220.	54.9			282.	54.9		
FLEMISH	18.	15.9			76.	19.0			89.	17.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.645				0.631				0.635	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	113.	58.4	6.7	401.	59.5	5.3	514.	59.3	5.7
WRITING	113.	53.7	7.6	401.	56.3	6.2	514.	55.7	6.6
READING	113.	55.1	6.7	401.	59.6	4.5	514.	58.6	5.4
TOTAL	113.	557.9	62.3	401.	584.6	47.7	514.	578.7	52.4

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	28.	61.7	3.8	36.	60.7	4.7	13.	58.2	5.5	50.	59.5	4.9
WRITING	28.	59.5	6.5	36.	57.2	6.3	13.	56.3	4.6	50.	56.9	5.0
READING	28.	61.6	3.8	36.	59.7	4.3	13.	59.4	3.3	50.	60.9	3.7
TOTAL	28.	608.8	38.2	36.	591.9	43.0	13.	579.8	38.5	50.	590.9	40.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	80.	59.5	4.9	22.	61.0	4.8	172.	58.8	5.8			
WRITING	80.	56.8	5.7	22.	59.3	4.7	172.	54.8	6.6			
READING	80.	60.3	4.0	22.	60.4	4.7	172.	58.4	4.8			
TOTAL	80.	588.6	42.6	22.	602.5	45.4	172.	573.6	51.8			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: BULGARIA WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.616

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 79; OF THESE 79 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 23 GRADUATE = 34 TOTAL = 57  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	13	57	548.1	58.1	21	62	513.1	63.8	34	60	526.5	64.0
FEMALES	10	43	523.2	83.5	13	38	510.1	54.9	23	40	515.8	69.1
FOREIGN CENTERS	8	35	494.4	58.2	20	59	500.1	58.6	28	49	498.5	58.5
DOMESTIC CENTERS	15	65	560.1	67.0	14	41	528.9	59.3	29	51	545.1	65.3
FOREIGN REPORTS	2	9	560.0	47.0	6	18	473.3	39.6	8	14	495.0	56.0
DOMESTIC REPORTS	8	35	582.4	68.9	13	38	545.4	61.2	21	37	559.5	66.7
BOTH KINDS	2	9	581.5	28.5	1	3	547.0	0.0	3	5	570.0	28.4
NEITHER KIND	11	48	492.3	51.8	14	41	495.0	52.1	25	44	493.8	52.0
REPORTED REPEATERS	7	30	499.4	18.7	10	29	504.4	42.9	17	30	502.4	35.1
ACTUAL REPEATERS*	2	9	491.5	21.5	3	9	516.7	42.5	5	9	506.6	37.7
AGE**	23		21.9	3.9	31		27.5	6.4	54		25.1	6.2
LANGUAGES:												
UNKNOWN	10	43.5		UNKNOWN	20	58.8		UNKNOWN	30	52.6		
BULGARIA	8	34.8		BULGARIA	10	29.4		BULGARIA	18	31.6		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.677				0.562				0.616	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	23	55.3	7.1	34	51.4	7.3	57	53.0	7.5
WRITING	23	52.0	8.6	34	50.7	6.6	57	51.2	7.5
READING	23	53.9	7.8	34	51.6	7.1	57	52.5	7.4
TOTAL	23	537.3	71.3	34	512.0	60.6	57	522.2	66.3

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1	56.0	0.0	2	54.0	6.0	0	0.0	0.0	8	54.8	7.7
WRITING	1	47.0	0.0	2	54.5	7.5	0	0.0	0.0	8	52.0	6.5
READING	1	52.0	0.0	2	54.0	10.0	0	0.0	0.0	8	54.4	5.7
TOTAL	1	517.0	0.0	2	541.5	78.5	0	0.0	0.0	8	538.4	59.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	0	0.0	0.0	0	0.0	0.0	23	49.8	6.9			
WRITING	0	0.0	0.0	0	0.0	0.0	23	50.1	6.4			
READING	0	0.0	0.0	0	0.0	0.0	23	50.4	7.0			
TOTAL	0	0.0	0.0	0	0.0	0.0	23	500.0	56.7			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA

\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

COUNTRY IS: CYPRUS WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.166

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 1099; OF THESE 1097 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 646 GRADUATE = 274 TOTAL = 920  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	504	81	495.2	73.1	233	85	494.9	81.0	757	82	495.1	75.6
FEMALES	122	19	501.1	69.4	40	15	504.6	67.6	162	18	507.0	69.7
FOREIGN CENTERS	584	90	496.2	72.8	252	92	497.0	78.6	836	91	496.5	74.6
DOMESTIC CENTERS	62	10	497.1	69.7	22	8	503.5	89.7	84	9	504.0	75.4
FOREIGN REPORTS	51	8	495.5	70.7	18	7	513.6	72.8	69	7	492.6	72.3
DOMESTIC REPORTS	171	26	516.1	73.0	63	23	502.9	95.3	234	25	517.9	79.7
BOTH KINDS	42	7	522.3	67.6	41	15	546.3	63.3	83	9	534.2	69.0
NEITHER KIND	302	52	484.0	70.4	152	55	474.8	66.1	534	58	482.9	69.4
REPORTED REPEATERS	116	18	479.1	59.7	49	18	477.9	73.8	165	18	478.6	64.2
ACTUAL REPEATERS*	73	11	478.0	57.0	19	7	464.0	63.5	92	10	475.1	53.7
AGE**	641.		19.7	2.3	205.		24.9	4.5	846.		21.0	3.8
LANGUAGES:												
GREEK	588.	91.0			250.	91.2			838.	91.1		
TURKISH	35.	5.4			21.	7.7			56.	6.1		
INDEX OF LINGUISTIC FRACTIONALIZATION:			0.168				0.162				0.166	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	646.	52.9	7.3	274.	51.9	8.0	920.	52.6	7.5
WRITING	646.	48.1	8.4	274.	49.0	9.0	920.	48.4	8.6
READING	646.	47.9	7.9	274.	48.8	9.0	920.	48.2	8.2
TOTAL	646.	496.3	72.4	274.	499.1	79.8	920.	497.1	74.7

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	4.	58.3	4.9	23.	53.1	10.7	5.	55.4	9.1	30.	53.0	7.2
WRITING	4.	57.8	4.2	23.	50.4	11.3	5.	52.8	10.3	30.	51.0	9.0
READING	4.	57.8	3.9	23.	51.0	10.4	5.	51.0	9.9	30.	52.6	7.2
TOTAL	4.	579.2	37.1	23.	513.1	101.2	5.	530.6	96.1	30.	522.4	70.7
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	14.	57.2	8.5	1.	36.0	0.0	197.	51.1	7.3			
WRITING	14.	54.1	11.7	1.	37.0	0.0	197.	47.9	8.1			
READING	14.	54.9	11.1	1.	38.0	0.0	197.	47.4	8.4			
TOTAL	14.	553.8	100.8	1.	370.0	0.0	197.	489.3	72.3			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES



COUNTRY IS: CZECHOSL WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.377

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 106; OF THESE 105 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 20 GRADUATE = 32 TOTAL = 52  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	10	50	569.5	35.6	20	63	560.2	54.8	30	58	563.3	47.5
FEMALES	10	50	565.4	61.8	12	38	556.9	72.8	22	42	574.9	70.6
FOREIGN CENTERS	6	30	608.5	45.7	14	44	556.2	75.5	20	38	571.9	72.1
DOMESTIC CENTERS	14	70	572.0	50.9	18	56	561.1	49.3	32	62	565.9	50.3
FOREIGN REPORTS	3	15	616.7	41.2	4	13	585.7	40.5	7	13	599.0	43.6
DOMESTIC REPORTS	9	45	592.9	48.0	14	44	562.5	43.6	23	44	574.4	47.7
BOTH KINDS	1	5	640.0	0.0	1	3	650.0	0.0	2	4	645.0	5.0
NEITHER KIND	7	35	547.6	41.9	13	41	539.9	75.7	20	38	542.6	66.0
REPORTED REPEATERS	2	10	505.5	57.5	5	16	578.6	77.8	7	13	557.7	79.8
ACTUAL REPEATERS*	1	5	448.0	0.0	2	6	615.5	23.5	3	6	560.3	81.7
AGE**	10.		22.9	6.5	31.		32.2	6.2	50.		28.7	7.8
LANGUAGES:												
CZECH	14.	70.0			26.	81.3			40.	76.9		
SLOVAK	5.	25.0			4.	12.5			9.	17.3		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.445				0.322				0.377	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	20.	60.1	5.6	32.	57.5	5.2	52.	58.5	5.5
WRITING	20.	57.4	6.3	32.	53.7	8.0	52.	55.1	7.6
READING	20.	58.0	5.0	32.	56.5	7.3	52.	57.1	6.5
TOTAL	20.	582.9	52.2	32.	559.0	62.2	52.	568.2	59.7

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1.	62.0	0.0	5.	54.6	5.6	1.	63.0	0.0	7.	57.9	2.8
WRITING	1.	62.0	0.0	5.	56.0	6.1	1.	59.0	0.0	7.	53.1	5.4
READING	1.	65.0	0.0	5.	58.8	4.2	1.	64.0	0.0	7.	55.3	2.9
TOTAL	1.	630.0	0.0	5.	564.8	46.1	1.	620.0	0.0	7.	554.4	29.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	3.	61.3	2.6	1.	66.0	0.0	14.	56.3	5.2			
WRITING	3.	53.3	8.2	1.	68.0	0.0	14.	51.1	8.6			
READING	3.	57.3	4.2	1.	64.0	0.0	14.	54.4	9.3			
TOTAL	3.	573.3	49.9	1.	660.0	0.0	14.	539.4	73.0			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

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COUNTRY IS: GREECE WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.033

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 4829; OF THESE 4825 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 1691 GRADUATE = 1509 TOTAL = 3200  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	1229	73	505.0	73.3	1159	77	512.0	71.7	2388	75	508.4	72.6
FEMALES	462	27	515.3	70.6	350	23	519.7	68.5	809	25	517.2	69.7
FOREIGN CENTERS	1233	73	510.7	73.4	1300	85	514.8	69.7	2533	79	512.8	71.6
DOMESTIC CENTERS	458	27	498.9	71.1	209	14	507.1	78.6	667	21	501.5	73.6
FOREIGN REPORTS	298	18	504.1	66.8	120	8	506.4	68.9	418	13	504.7	67.4
DOMESTIC REPORTS	546	32	517.7	76.1	444	29	527.5	73.7	990	31	522.1	75.2
BOTH KINDS	46	3	528.6	70.1	85	6	558.2	54.2	132	4	547.8	61.9
NEITHER KIND	801	47	500.6	72.1	859	57	503.3	68.5	1660	52	502.0	70.3
REPORTED REPEATERS	455	27	493.7	61.9	445	29	514.3	64.5	900	28	506.4	63.7
ACTUAL REPEATERS*	209	12	499.4	60.1	197	13	499.6	51.3	406	13	499.5	58.0
AGE**	1669.		19.8	3.1	1255.		24.2	3.4	2924.		21.7	3.9
LANGUAGES:												
GREEK	1862.	93.3			1485.	98.4			3147.	98.3		
UNKNOWN	19.	1.1			13.	0.9			32.	1.0		
INDEX OF LINGUISTIC FRACTIONALIZATION :				0.034				0.031				0.033

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	1691.	54.1	7.5	1509.	53.3	7.3	3200.	53.7	7.4
WRITING	1691.	49.5	8.3	1509.	50.3	8.0	3200.	49.9	8.2
READING	1691.	48.7	8.0	1509.	50.5	8.0	3200.	49.5	8.0
TOTAL	1691.	507.5	72.9	1509.	513.8	71.1	3200.	510.4	72.1

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	49.	55.2	7.9	123.	53.6	7.3	53.	55.5	5.7	240.	54.0	7.5
WRITING	49.	53.2	8.9	123.	51.0	8.0	53.	50.8	8.2	240.	51.6	8.0
READING	49.	53.8	6.9	123.	51.7	8.2	53.	51.7	7.0	240.	52.8	7.8
TOTAL	49.	540.6	74.4	123.	520.8	72.7	53.	525.2	62.0	240.	528.3	72.2
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	77.	56.3	6.9	7.	56.4	5.9	960.	52.6	7.2			
WRITING	77.	53.9	7.7	7.	55.4	4.8	960.	49.4	7.8			
READING	77.	54.7	7.4	7.	55.6	4.3	960.	49.2	7.6			
TOTAL	77.	550.3	65.6	7.	557.9	45.6	960.	504.0	69.2			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

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100 PER CENT SAMPLE OF REG  
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COUNTRY IS: NETHERLS WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.072

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 1185; OF THESE 1183 ARE TEST TAKERS  
 DEGREE SEEKERS : UNDERGRADUATE = 430 GRADUATE = 416 TOTAL = 846  
 THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	263	61	589.3	44.7	338	61	601.7	37.1	601	71	596.3	41.1
FEMALES	167	39	592.7	42.9	78	19	600.3	38.7	245	29	595.1	41.7
FOREIGN CENTERS	341	72	587.1	44.1	371	89	602.0	35.2	712	84	594.6	40.4
DOMESTIC CENTERS	89	21	604.3	40.8	45	11	596.9	52.3	134	16	601.8	45.1
FOREIGN REPORTS	36	8	604.4	40.0	20	5	595.3	36.5	56	7	601.5	38.9
DOMESTIC REPORTS	238	55	590.8	46.0	255	61	607.1	34.9	493	58	599.3	41.5
BOTH KINDS	23	5	589.9	40.2	21	5	613.2	21.7	44	5	601.0	34.7
NEITHER KIND	133	31	586.8	41.1	120	29	588.0	41.1	253	30	587.4	41.1
REPORTED REPEATERS	20	5	570.6	37.3	17	4	609.4	49.1	37	4	588.4	47.2
ACTUAL REPEATERS*	10	2	562.4	30.7	4	1	592.0	20.6	14	2	570.9	31.2
AGE**	20.		20.4	3.4	361.		24.8	3.6	607.		22.5	4.2
LANGUAGES:												
DUTCH	411.	95.6			404.	97.1			615.	96.3		
UNKNOWN	6.	1.4			4.	1.0			8.	0.9		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.086				0.057				0.072	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	430.	62.3	3.4	416.	62.5	3.5	846.	62.4	3.4
WRITING	430.	57.1	6.2	416.	58.2	5.1	846.	57.6	5.7
READING	430.	57.8	5.4	416.	59.7	4.8	846.	58.7	5.2
TOTAL	430.	590.6	44.0	416.	601.4	37.5	846.	595.9	41.3

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	26.	62.9	4.0	65.	63.0	2.8	24.	62.7	3.9	34.	62.2	3.5
WRITING	26.	60.6	5.6	65.	59.3	4.0	24.	58.9	5.4	34.	58.4	4.3
READING	26.	60.0	5.3	65.	60.8	4.0	24.	59.9	3.9	34.	60.6	3.8
TOTAL	26.	611.9	41.3	65.	610.5	29.7	24.	604.6	33.9	34.	604.2	30.2
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	74.	62.9	3.5	33.	62.6	3.3	160.	62.0	3.5			
WRITING	74.	58.6	5.1	33.	59.1	3.9	160.	56.8	5.4			
READING	74.	60.7	3.8	33.	61.6	2.6	160.	58.2	5.6			
TOTAL	74.	607.2	36.7	33.	611.2	23.7	160.	590.2	41.1			

\*REPEATED TOEFL DURING PERIOD SEPTEMBER, 1977 THROUGH AUGUST, 1979 ACCORDING TO SPECIFIC MATCHING CRITERIA  
 \*\*RESTRICTED TO 15-45 FOR UNDERGRADUATES AND 20-50 FOR GRADUATES

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CHARACTERISTICS OF THE SAM

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CHARACTERISTICS OF THE SA

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DEGREE SEEKERS : UNDERGRAD  
THIS RUN USES THIS LAST TO  
CHARACTERISTICS OF THE SAM

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CHARACTERISTICS OF THE SA

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Section 7. Postsecondary-Degree Planning TOEFL Candidates  
from Countries in the Pacific Region

PACIFIC-TOTAL ( 2316 )

AM. SAMOA ( 663 )  
AUSTRALIA ( 66 )  
CAROLINE I. ( 910 )  
FIJI ISL. ( 86 )  
GUAM ( 7 )★  
MARIANA ( 160 )  
MARSHALL ( 169 )  
NEW ZEAL ( 4 )★  
NEW GUINEA ( 3 )★  
OKINAWA ( 2 )★  
TAHITI ( 41 )  
TONGA ( 90 )  
WEST SAMOA ( 115 )

This section provides detailed tabular summaries of data, by country, on the characteristics of postsecondary-degree planning TOEFL candidates from nine of 13 countries from the TOEFL Pacific region (i.e., all but those marked by a star in the list at left), by level of planned degree program.

- o Only about one percent of all degree-planning candidates during 1977-79 were from countries in the Pacific region.
- o Most contingents were quite small, none including as many as 1,000 candidates; largest contingents were from the Caroline Islands and American Samoa, which collectively accounted for 67.9 percent of the regional total.
- o Contingents from Australia, Caroline Islands, and Fiji were linguistically fractionated; other contingents tended to be relatively homogeneous linguistically.

Selected data for nine Pacific countries with the largest candidate contingents (which accounted for over 99 percent of the regional total) are presented in a regional overview consisting of four summary tables. Detailed tables for countries with 10 or more candidates are then presented alphabetically.



# PACIFIC COUNTRIES, CONTINUED

MEAN TOEFL TOTAL SCORES FOR DEMOGRAPHIC GROUPS BY REGION AND COUNTRY:  
UNDERGRADUATE AND GRADUATE DEGREE SEEKERS  
INTERNATIONAL AND SPECIAL TESTING PROGRAMS ONLY

1977-78 & 1978-79

REGION AND COUNTRY	NO. OF DEGREE SEEKERS	DEGREE SEEKERS			SEX		TEST CENTER		SELF-REPORTED REPEATERS	SCORE REPORT PATTERN**			
		U.G.	GRAD.	TOTAL	MEN	WOMEN	FOREIGN	U. S. - CANADA		FOR.	U.S.	BOTH	NONI
PACIFIC-TOTAL	( 2316 )	454	443	451	448	456	450	463	447	449	462	450	444
AMERICAN SAMOA	( 663 )	445	442	444	437	451	444	438	429	445	456	448	437
AUSTRALIA	( 66 )	468	505	478	479	476(*)	504	452	462	596(*)	496(*)	413(*)	465
CAROLINE ISLANDS	( 910 )	444	433	442	438	447	441	450	456	429	446	437	440
FIJI ISLANDS	( 86 )	542	511	535	539	526	533	554(*)	542(*)	538(*)	529	530(*)	546
MARIANA ISLANDS	( 160 )	487	490	487	488	486	488	480	460	367(*)	488	539(*)	483
MARSHALL ISLANDS	( 169 )	424	397	416	411	429	415	426(*)	419	412	428	448(*)	404
TAHITI	( 41 )	507	479(*)	500	516	487	463(*)	514	517(*)	567(*)	500	---	491
TONGA	( 90 )	450	440	447	438	456	445	478(*)	437(*)	448(*)	478(*)	445	410(*)
WEST SAMOA	( 115 )	484	448	470	469	473	467	530(*)	467(*)	510	485	457	452
OTHER	( 16 )	478(*)	573(*)	519	523(*)	512(*)	544(*)	413(*)	463(*)	---	542(*)	586(*)	434
ALL CONTINENTS	(235738)	499	511	505	502	513	512	488	496	514	526	534	486

\*EXCEPT FOR "NO. OF DEGREE SEEKERS" (ON WHICH THE TABLE IS BASED) ALL NUMBERS ARE MEANS. MEANS BASED ON N'S LESS THAN 15 ARE FOLLOWED BY "(\*)". WHEN THE NUMBER OF CASES IS 0 "---" IS SUBSTITUTED FOR THE MEAN.  
\*\*FOR. = EMBASSY, AGENCY, FOUNDATION, FOREIGN HIGHER INSTITUTION; U.S. = U.S. COLLEGE OR UNIVERSITY.



# PACIFIC COUNTRIES, CONTINUED

TOEFL TOTAL SCORES FOR FIELDS OF STUDY BY REGION AND COUNTRY: GRADUATE  
DEGREE SEEKERS ONLY (INTERNATIONAL AND SPECIAL PROGRAMS ONLY)\*\*

1977-78 & 1978-79

REGION AND COUNTRY	TOTAL (ALL FIELDS)		MEANS BY FIELD							PER CENTS BY FIELD***						
	N	MEAN	ARTS & HUM	SOC SCI	BIO SCI	PHY SCI	BUS.	LAW	OTH- ER**	ARTS & HUM	SOC SCI	BIO SCI	PHY SCI	BUS.	LAW	OTH- ER**
PACIFIC-TOTAL	( 623)	443	451	462	491	486	479	---	438	2(*)	5	4	2(*)	2(*)	0(*)	85
AMERICAN SAMOA	( 247)	442	393	443	488	---	450	---	441	0(*)	1(*)	1(*)	0(*)	0(*)	0(*)	97
AUSTRALIA	( 19)	505	---	---	632	515	597	---	478	0(*)	0(*)	11(*)	11(*)	5(*)	0(*)	74(*)
CAROLINE ISLS.	( 186)	433	447	476	449	---	423	---	428	2(*)	7(*)	5(*)	0(*)	2(*)	0(*)	85
FIJI ISLANDS	( 18)	511	---	600	516	530	570	---	485	0(*)	6(*)	17(*)	22(*)	6(*)	0(*)	50(*)
MARIANA ISLS.	( 19)	490	---	---	430	---	577	---	489	0(*)	0(*)	5(*)	0(*)	5(*)	0(*)	89
MARSHALL ISLS.	( 52)	397	360	392	442	---	420	---	397	2(*)	13(*)	4(*)	0(*)	2(*)	0(*)	79
TAHITI	( 10)	479	367	495	503	---	512	---	477	10(*)	20(*)	10(*)	0(*)	20(*)	0(*)	40(*)
TONGA	( 21)	440	455	383	523	420	455	---	436	10(*)	5(*)	5(*)	10(*)	10(*)	0(*)	62(*)
WEST SAMOA	( 44)	448	510	446	429	437	413	---	443	9(*)	9(*)	5(*)	5(*)	2(*)	0(*)	70
OTHER	( 7)	573	---	610	625	483	---	---	529	0(*)	29(*)	29(*)	14(*)	0(*)	0(*)	29(*)
ALL CONTINENTS	(116146)	511	536	533	526	536	556	558	494	3	8	5	15	8	1	60

\*GRADUATE DEGREE SEEKERS ONLY; EXCLUDES ALL CANDIDATES REPORTING OTHER REASONS FOR TAKING TOEFL.

\*\*PREDOMINANTLY NO RESPONSE; ALSO INCLUDES FIELD NOT LISTED.

\*\*\*PER CENTS BASED ON N'S LESS THAN 15 ARE FOLLOWED BY "(\*)". WHEN THERE ARE NO CASES "----" REPLACES THE MEAN.

100 PER CENT SAMPLE OF REG.  
DEGREE SEEKERS : UNDERGRADU  
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100 PER CENT SAMPLE OF REG  
DEGREE SEEKERS : UNDERGRAD  
THIS RUN USES THIS LAST TO  
CHARACTERISTICS OF THE SAM

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COUNTRY IS: CAROLIS WITH INDEX OF LINGUISTIC FRACTIONALIZATION 0.793

100 PER CENT SAMPLE OF REGISTRANTS SELECTED FOR THIS COUNTRY = 1009; OF THESE 1009 ARE TEST TAKERS  
DEGREE SEEKERS : UNDERGRADUATE = 724 GRADUATE = 186 TOTAL = 910  
THIS RUN USES THIS LAST TOTAL AS A BASE FOR COMPUTATIONS

CHARACTERISTICS OF THE SAMPLE (WITH MEAN AND S.D. OF TOEFL TOTAL SCORE):

	UNDERGRADUATES				GRADUATES				TOTAL			
	N	%	MEAN	S.D.	N	%	MEAN	S.D.	N	%	MEAN	S.D.
MALES	474	65	441.7	65.6	83	45	418.0	55.5	557	61	438.1	64.8
FEMALES	250	35	448.5	72.6	103	55	444.3	57.1	353	39	447.3	68.4
FOREIGN CENTERS	631	87	443.4	67.7	177	95	430.9	56.0	808	89	440.7	65.5
DOMESTIC CENTERS	93	13	448.1	70.7	9	5	466.0	78.7	102	11	449.7	71.7
FOREIGN REPORTS	47	6	426.2	60.3	7	3	450.0	64.5	52	6	429.3	63.7
DOMESTIC REPORTS	333	46	447.0	68.1	51	27	439.4	56.0	384	42	446.0	66.6
BOTH KINDS	70	10	440.2	56.0	6	3	401.7	33.9	76	8	437.2	55.5
NEITHER KIND	274	38	444.5	71.8	154	67	430.3	57.4	398	44	440.0	68.0
REPORTED REPEATERS	89	12	455.9	53.6	6	3	449.3	56.3	95	10	455.5	53.8
ACTUAL REPEATERS*	3	0	478.7	29.5	0	0	0.0	0.0	3	0	478.7	29.5
AGE**	704.		20.6	4.9	67.		22.2	3.9	771.		20.8	4.8
LANGUAGES:												
TRUKES	195.	26.9			102.	54.8			294.	32.3		
PALAUAN	102.	26.5			39.	21.0			210.	23.1		
INDEX OF LINGUISTIC FRACTIONALIZATION :			0.806				0.635				0.793	

TOEFL SCORES	UNDERGRADUATES			GRADUATES			TOTAL		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	724.	48.3	6.9	186.	48.4	5.8	910.	48.3	6.7
WRITING	724.	42.7	8.0	186.	41.0	7.6	910.	42.4	7.9
READING	724.	42.2	7.4	186.	40.4	6.1	910.	41.9	7.2
TOTAL	724.	444.0	68.1	186.	432.5	57.9	910.	441.7	66.3

SCORES BY FIELD (GRADUATES ONLY)	ARTS + HUMANITIES			SOCIAL SCIENCES			BIOLOGICAL SCIENCES			PHYSICAL SCIENCES		
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.
LISTENING	3.	49.7	4.0	13.	51.9	7.4	9.	49.2	5.9	0.	0.0	0.0
WRITING	3.	44.0	4.3	13.	46.1	9.9	9.	44.3	7.4	0.	0.0	0.0
READING	3.	40.3	3.3	13.	44.7	7.8	9.	41.1	5.0	0.	0.0	0.0
TOTAL	3.	446.7	35.4	13.	475.6	79.6	9.	448.9	53.5	0.	0.0	0.0
	BUSINESS SCHOOL			LAW SCHOOL			OTHERS					
	N	MEAN	S.D.	N	MEAN	S.D.	N	MEAN	S.D.			
LISTENING	3.	47.0	4.5	0.	0.0	0.0	158.	48.0	5.5			
WRITING	3.	41.0	2.4	0.	0.0	0.0	158.	40.3	7.3			
READING	3.	39.0	5.4	0.	0.0	0.0	158.	40.0	5.9			
TOTAL	3.	423.3	38.3	0.	0.0	0.0	158.	428.0	54.8			

\*REPEATED TOEFL DURING PERIOD OCTOBER, 1977 THROUGH JUNE, 1979--ACCORDING TO SPECIFIC MATCHING CRITERIA  
\*\*RESTRICTED TO 18-36 FOR UNDERGRADUATES AND 20-46 FOR GRADUATES



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